

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111422\
 Data File : VN075261.D
 Acq On : 14 Nov 2022 13:28
 Operator : JC\MD
 Sample : VN1114MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2022
 Supervised By : Mahesh Dadoda 11/15/2022

Quant Time: Nov 15 03:51:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	96275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	173055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	160102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	77818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	61454	47.375	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.740%			
35) Dibromofluoromethane	8.171	113	53453	52.615	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.240%			
50) Toluene-d8	10.565	98	193183	49.013	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.020%			
62) 4-Bromofluorobenzene	12.847	95	73204	52.871	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	22445	17.921	ug/l	98
3) Chloromethane	2.371	50	23837	17.918	ug/l	95
4) Vinyl Chloride	2.524	62	33303	17.548	ug/l	94
5) Bromomethane	2.918	94	29414	18.600	ug/l	99
6) Chloroethane	3.100	64	23922	17.579	ug/l	99
7) Trichlorofluoromethane	3.495	101	39588	20.420	ug/l	99
8) Diethyl Ether	3.977	74	15192	21.484	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	22947	21.433	ug/l	98
10) Methyl Iodide	4.589	142	34682	21.759	ug/l #	93
11) Tert butyl alcohol	5.536	59	25818	85.346	ug/l	96
12) 1,1-Dichloroethene	4.347	96	22176	21.730	ug/l	87
13) Acrolein	4.189	56	14766	59.676	ug/l	99
14) Allyl chloride	5.030	41	31433	21.089	ug/l	97
15) Acrylonitrile	5.730	53	64446	100.850	ug/l	98
16) Acetone	4.436	43	54307	98.872	ug/l	97
17) Carbon Disulfide	4.718	76	57465	22.391	ug/l	99
18) Methyl Acetate	5.030	43	37009	20.628	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	78429	20.677	ug/l	99
20) Methylene Chloride	5.283	84	25421	20.758	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	22682	20.299	ug/l #	88
22) Diisopropyl ether	6.677	45	68260	20.752	ug/l	93
23) Vinyl Acetate	6.612	43	268615m	97.794	ug/l	
24) 1,1-Dichloroethane	6.577	63	43234	20.782	ug/l	99
25) 2-Butanone	7.488	43	84287	97.562	ug/l	94
26) 2,2-Dichloropropane	7.494	77	36442	19.042	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	28096	21.055	ug/l	100
28) Bromochloromethane	7.818	49	17085	19.482	ug/l	97
29) Tetrahydrofuran	7.841	42	52754	94.496	ug/l	99
30) Chloroform	7.971	83	48255	21.364	ug/l	92
31) Cyclohexane	8.265	56	39630	20.541	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	42316	20.631	ug/l	99
36) 1,1-Dichloropropene	8.377	75	33040	21.007	ug/l	97
37) Ethyl Acetate	7.565	43	32680	18.946	ug/l	97
38) Carbon Tetrachloride	8.365	117	38080	22.010	ug/l	89
39) Methylcyclohexane	9.600	83	42943	20.682	ug/l	94
40) Benzene	8.612	78	104792	21.760	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111422\
 Data File : VN075261.D
 Acq On : 14 Nov 2022 13:28
 Operator : JC\MD
 Sample : VN1114MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114MBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022

Quant Time: Nov 15 03:51:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	16413	19.861	ug/l #	93
42) 1,2-Dichloroethane	8.671	62	36896	21.059	ug/l	98
43) Isopropyl Acetate	8.688	43	51206	19.139	ug/l	97
44) Trichloroethene	9.353	130	26291	21.760	ug/l	99
45) 1,2-Dichloropropane	9.624	63	24917	21.742	ug/l	100
46) Dibromomethane	9.712	93	19489	21.827	ug/l	99
47) Bromodichloromethane	9.888	83	38049	22.005	ug/l	99
48) Methyl methacrylate	9.682	41	25164	20.504	ug/l	91
49) 1,4-Dioxane	9.694	88	13677	425.567	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	169711	98.296	ug/l	99
52) Toluene	10.629	92	67777	21.054	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	38176	20.918	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	41201	21.284	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	27399	21.465	ug/l	95
56) Ethyl methacrylate	10.876	69	38334	19.688	ug/l	98
57) 1,3-Dichloropropane	11.165	76	44747	21.051	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	76447	101.561	ug/l	98
59) 2-Hexanone	11.194	43	126029	96.178	ug/l	100
60) Dibromochloromethane	11.359	129	30288	22.491	ug/l	98
61) 1,2-Dibromoethane	11.471	107	28296	21.631	ug/l	100
64) Tetrachloroethene	11.106	164	24480	24.940	ug/l	96
65) Chlorobenzene	11.888	112	71660	20.969	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	27241	21.488	ug/l	98
67) Ethyl Benzene	11.965	91	128579	20.913	ug/l	99
68) m/p-Xylenes	12.070	106	102047	41.364	ug/l	98
69) o-Xylene	12.400	106	51018	20.911	ug/l	97
70) Styrene	12.412	104	81576	20.970	ug/l	99
71) Bromoform	12.576	173	21643	22.803	ug/l #	97
73) Isopropylbenzene	12.694	105	127506	20.410	ug/l	97
74) N-amyl acetate	12.494	43	43650	18.891	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	41364	20.717	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	35702m	21.608	ug/l	
77) Bromobenzene	12.982	156	29981	21.795	ug/l	98
78) n-propylbenzene	13.035	91	148387	21.156	ug/l	99
79) 2-Chlorotoluene	13.123	91	88579	20.666	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	110453	21.050	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	13379	20.786	ug/l	93
82) 4-Chlorotoluene	13.123	91	88579	20.666	ug/l	97
83) tert-Butylbenzene	13.441	119	96757	20.752	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	114207	21.512	ug/l	99
85) sec-Butylbenzene	13.617	105	136564	20.937	ug/l	98
86) p-Isopropyltoluene	13.729	119	116175	21.567	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	58506	21.722	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	58291	21.868	ug/l	99
89) n-Butylbenzene	14.059	91	95043	21.910	ug/l	98
90) Hexachloroethane	14.335	117	20452	20.708	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	57978	21.653	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8417	19.974	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	28741	24.944	ug/l	97
94) Hexachlorobutadiene	15.500	225	13355	23.776	ug/l	98
95) Naphthalene	15.641	128	95854	21.633	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	27155	23.719	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111422\
Data File : VN075261.D
Acq On : 14 Nov 2022 13:28
Operator : JC\MD
Sample : VN1114MBSD01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

Quant Time: Nov 15 03:51:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

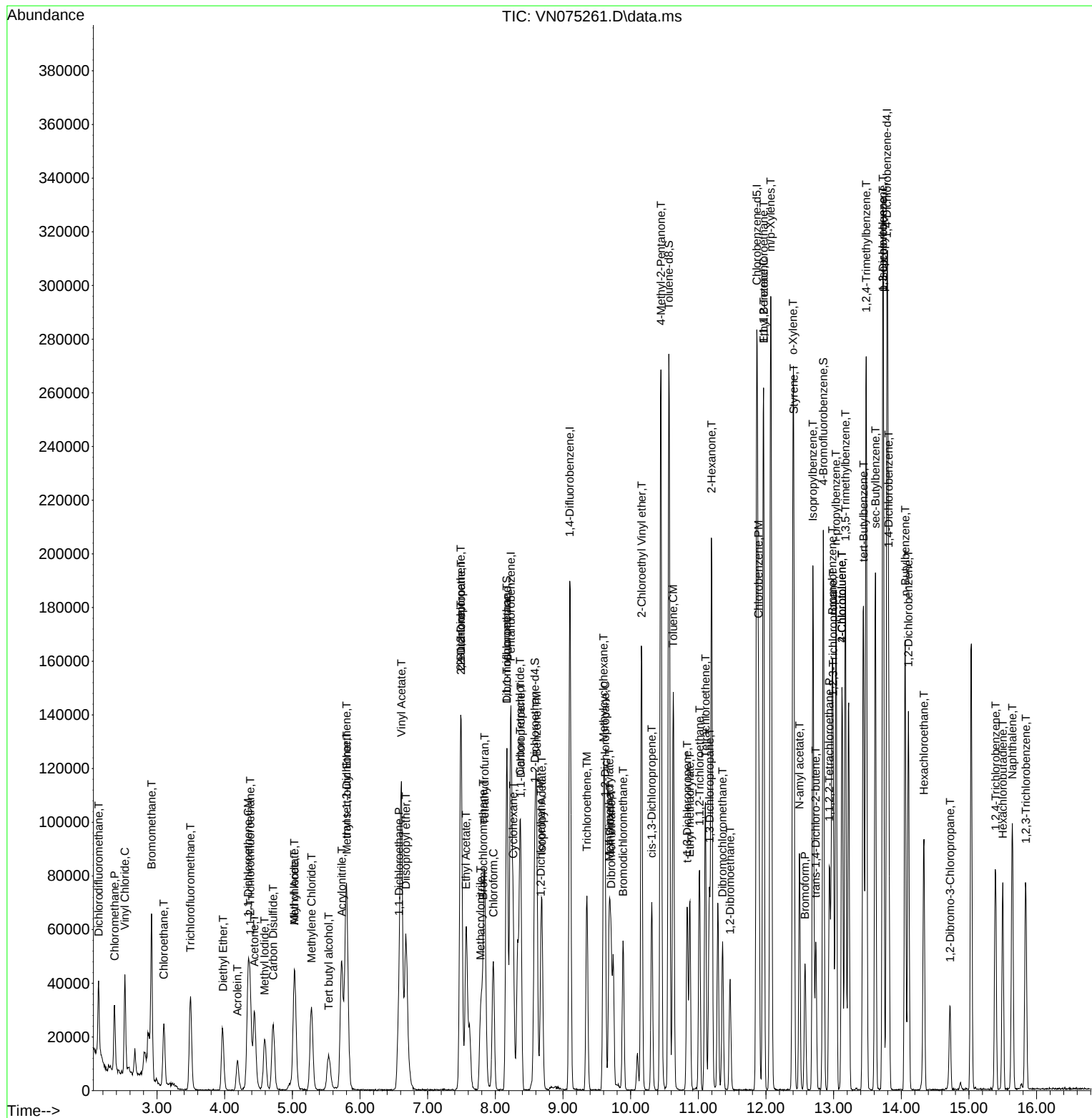
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111422\
 Data File : VN075261.D
 Acq On : 14 Nov 2022 13:28
 Operator : JC\MD
 Sample : VN1114MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

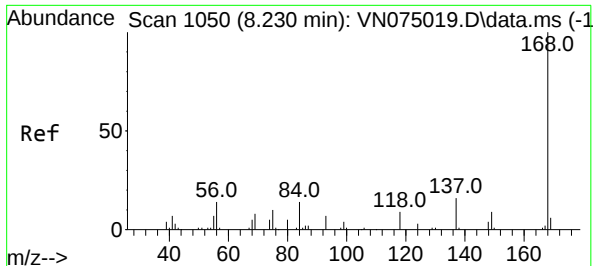
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022

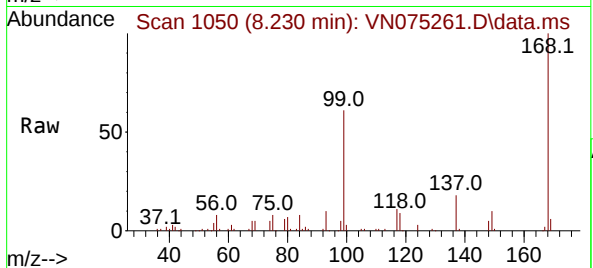
Quant Time: Nov 15 03:51:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

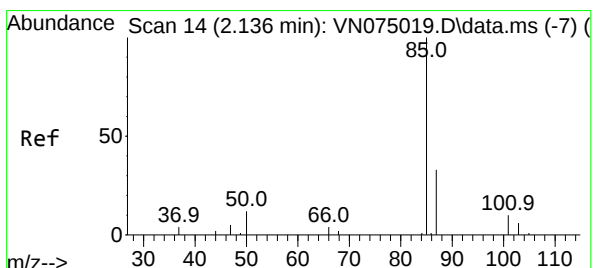
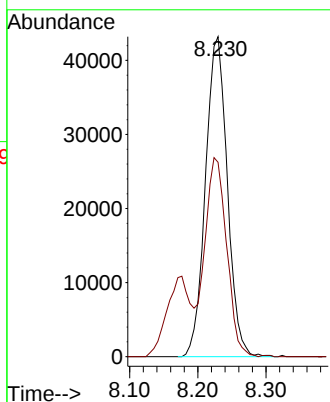
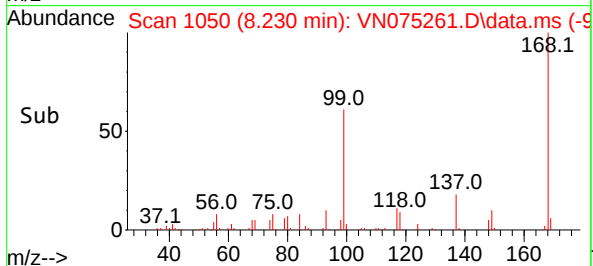
Instrument :
MSVOA_N
Client Sample Id :
VN1114MBSD01



Tgt Ion: 168 Resp: 96275
Ion Ratio Lower Upper
168 100
99 60.8 51.6 77.4

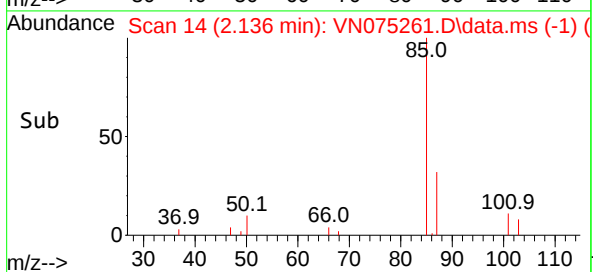
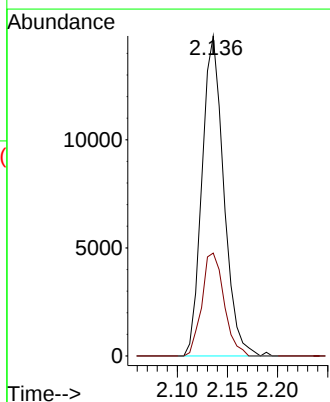
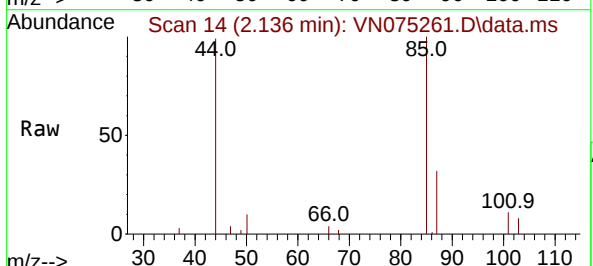
Manual Integrations
APPROVED

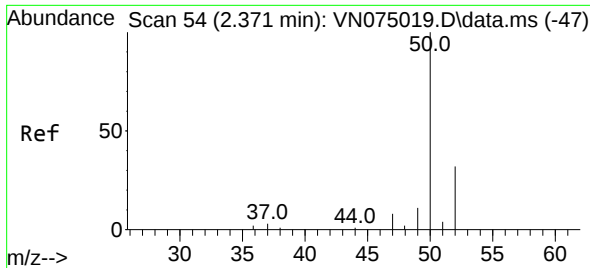
Reviewed By : John Carlone 11/15/2022
Supervised By : Mahesh Dadoda 11/15/2022



#2
Dichlorodifluoromethane
Concen: 17.921 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

Tgt Ion: 85 Resp: 22445
Ion Ratio Lower Upper
85 100
87 32.2 16.7 50.0





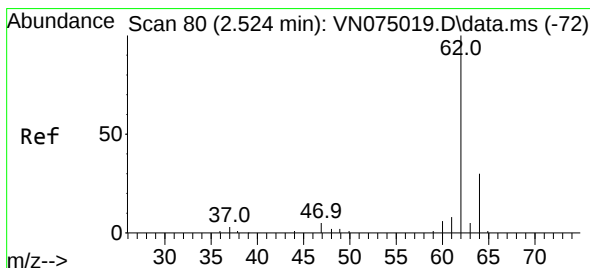
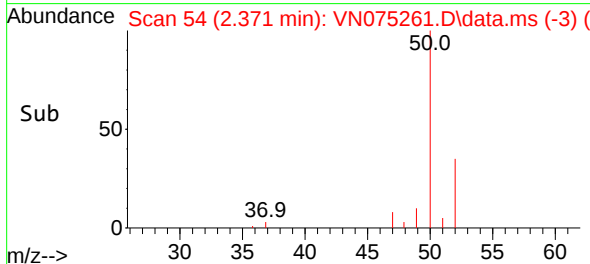
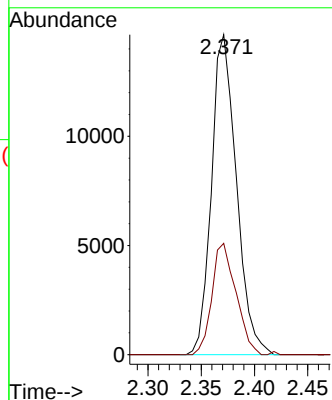
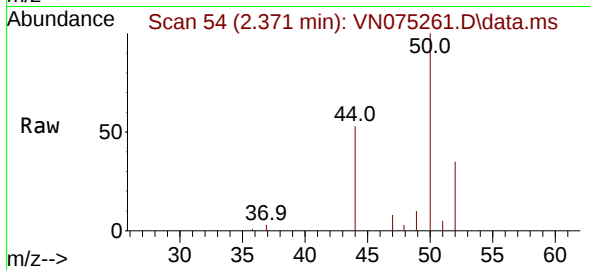
#3
Chloromethane
Concen: 17.918 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBSD01

Tgt Ion: 50 Resp: 2383
Ion Ratio Lower Upper
50 100
52 34.8 25.8 38.6

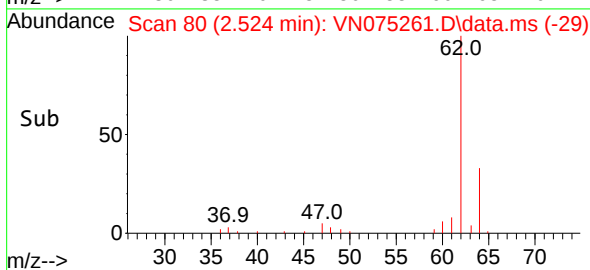
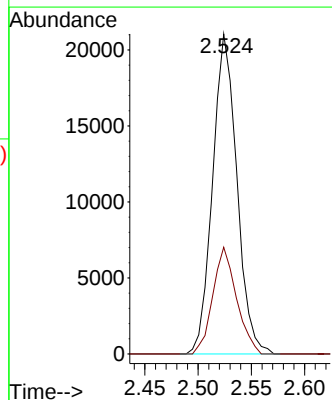
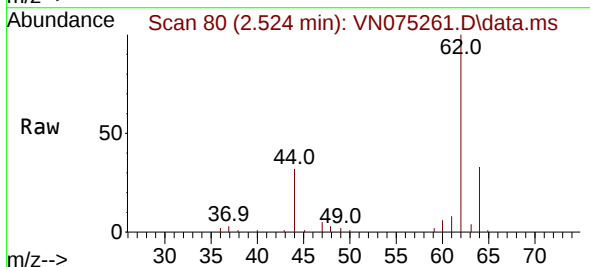
Manual Integrations
APPROVED

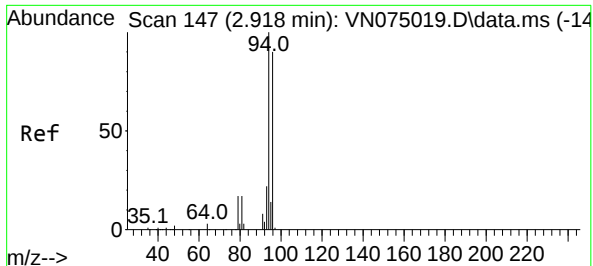
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#4
Vinyl Chloride
Concen: 17.548 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

Tgt Ion: 62 Resp: 33303
Ion Ratio Lower Upper
62 100
64 33.4 24.0 36.0





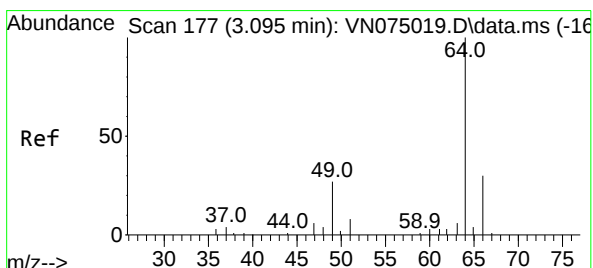
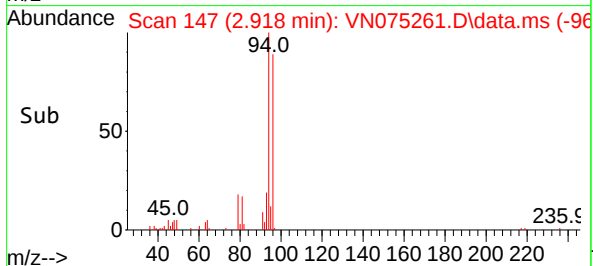
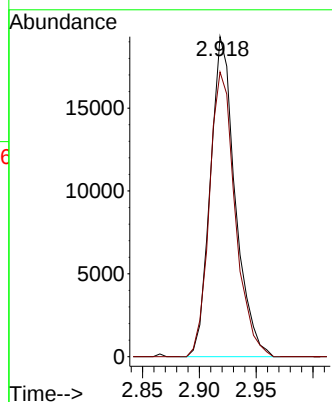
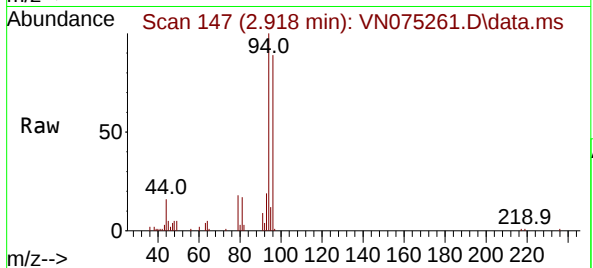
#5
Bromomethane
Concen: 18.600 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBSD01

Tgt Ion: 94 Resp: 29414
Ion Ratio Lower Upper
94 100
96 88.9 71.8 107.6

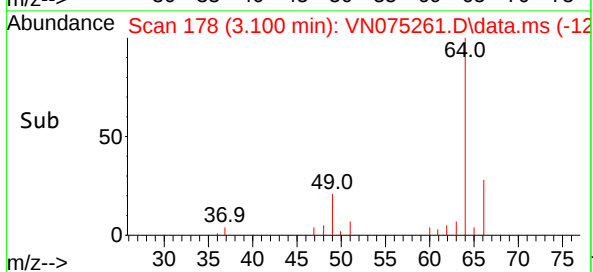
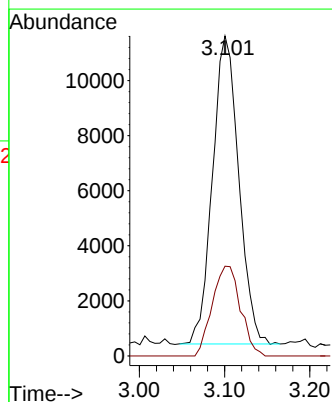
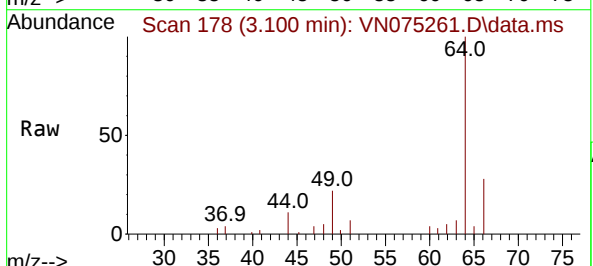
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#6
Chloroethane
Concen: 17.579 ug/l
RT: 3.100 min Scan# 178
Delta R.T. 0.005 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

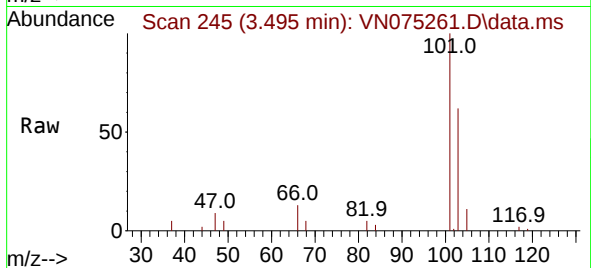
Tgt Ion: 64 Resp: 23922
Ion Ratio Lower Upper
64 100
66 29.2 23.8 35.8





#7
Trichlorofluoromethane
Concen: 20.420 ug/l
RT: 3.495 min Scan# 244
Delta R.T. 0.006 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

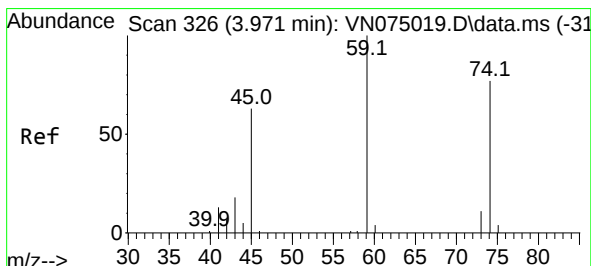
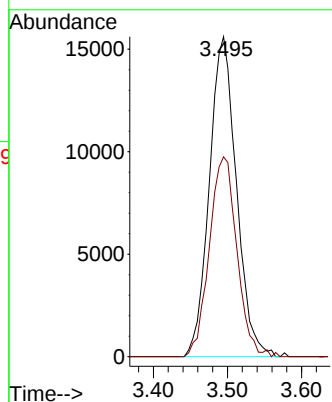
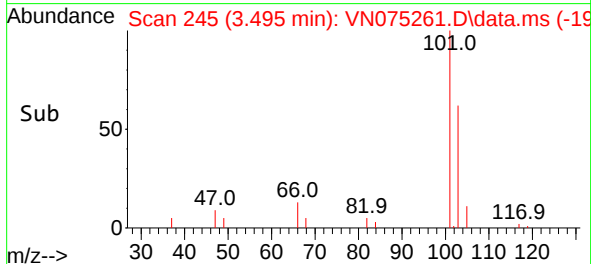
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBSD01



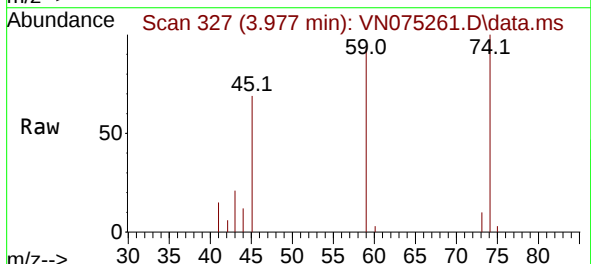
Tgt Ion:101 Resp: 3958
Ion Ratio Lower Upper
101 100
103 62.5 50.5 75.7

Manual Integrations
APPROVED

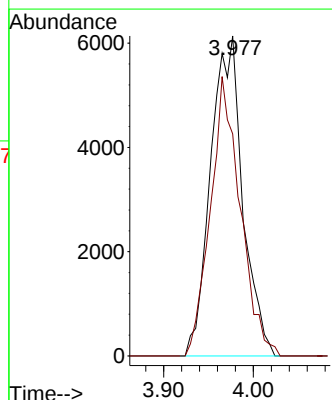
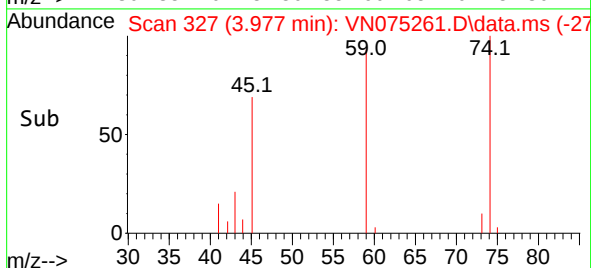
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#8
Diethyl Ether
Concen: 21.484 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28



Tgt Ion: 74 Resp: 15192
Ion Ratio Lower Upper
74 100
45 81.5 39.3 117.9





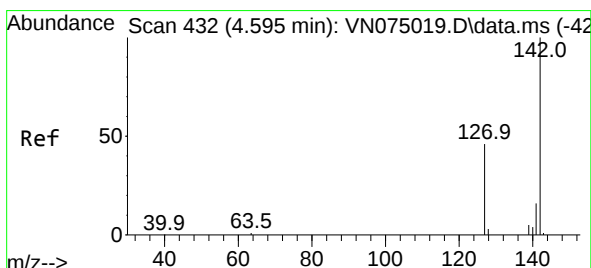
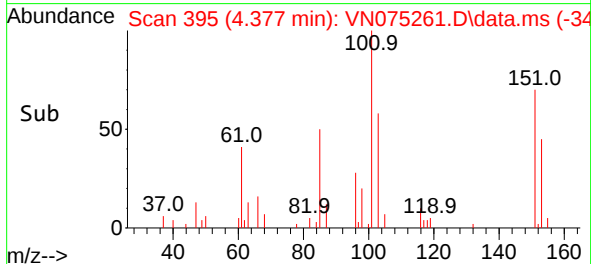
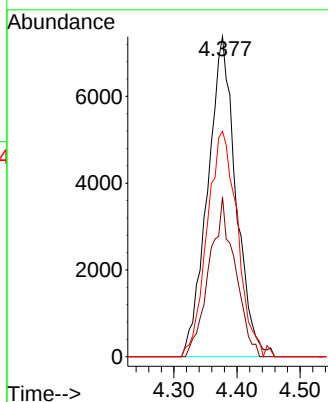
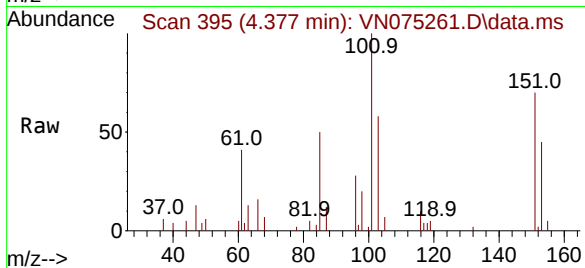
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.433 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01

Tgt Ion:101 Resp: 2294
Ion Ratio Lower Upper
101 100
85 45.6 37.6 56.4
151 75.2 58.3 87.5

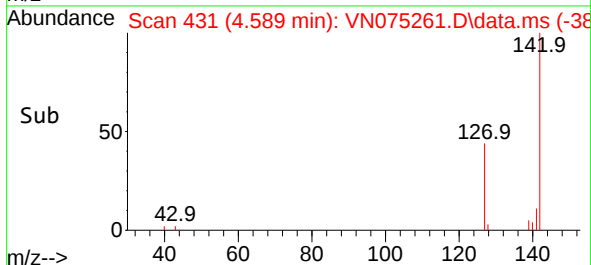
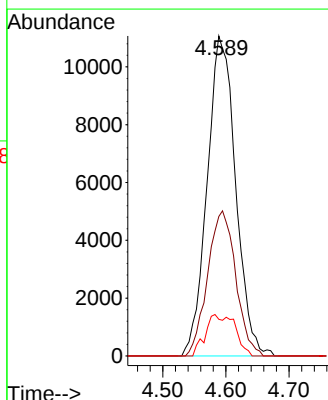
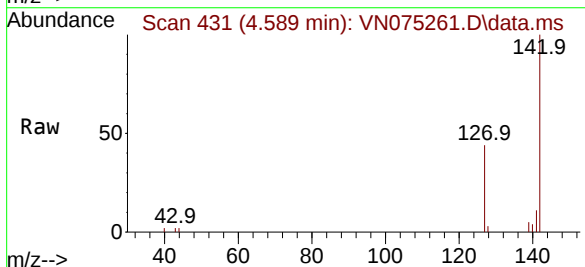
Manual Integrations
APPROVED

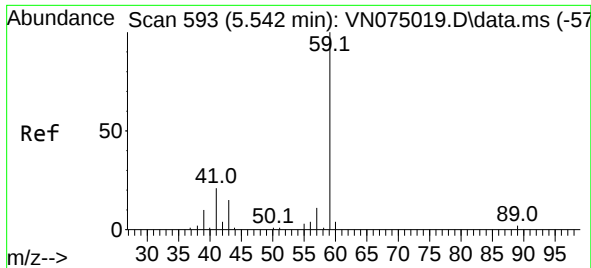
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#10
Methyl Iodide
Concen: 21.759 ug/l
RT: 4.589 min Scan# 431
Delta R.T. -0.006 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

Tgt Ion:142 Resp: 34682
Ion Ratio Lower Upper
142 100
127 44.8 38.0 57.0
141 7.9 12.2 18.4#





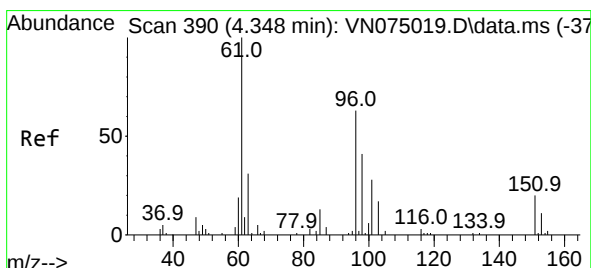
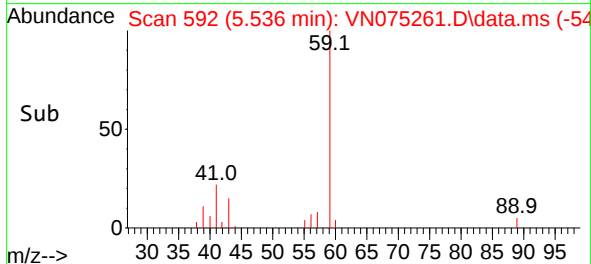
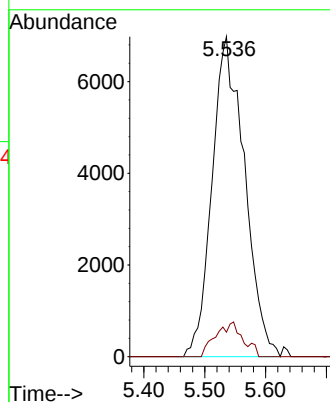
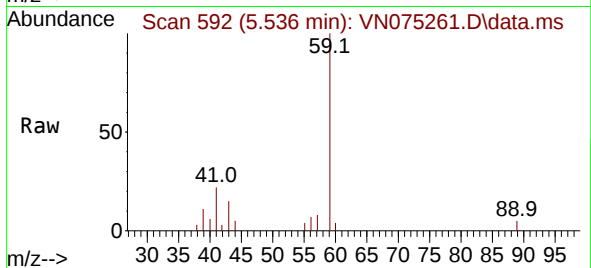
#11
Tert butyl alcohol
Concen: 85.346 ug/l
RT: 5.536 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01

Tgt Ion: 59 Resp: 25818
Ion Ratio Lower Upper
59 100
57 9.1 8.5 12.7

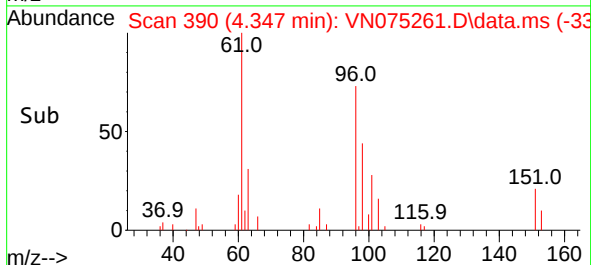
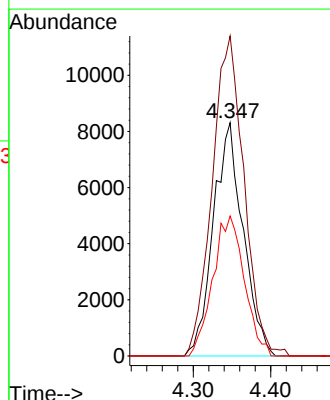
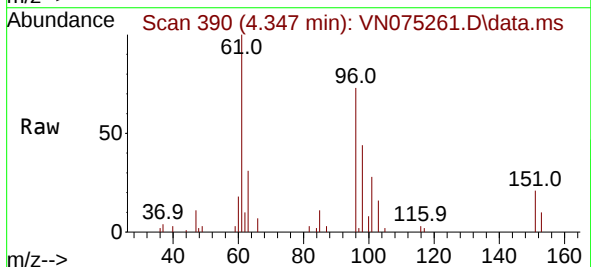
Manual Integrations
APPROVED

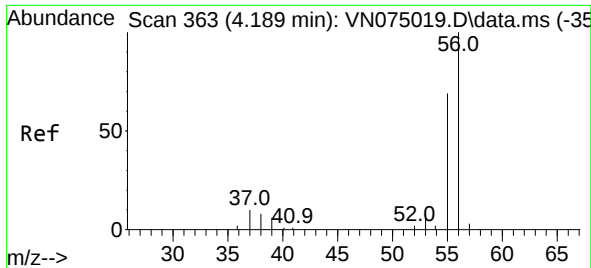
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#12
1,1-Dichloroethene
Concen: 21.730 ug/l
RT: 4.347 min Scan# 390
Delta R.T. -0.001 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

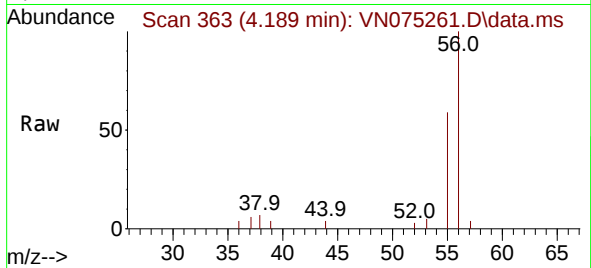
Tgt Ion: 96 Resp: 22176
Ion Ratio Lower Upper
96 100
61 137.2 126.2 189.4
98 60.0 51.5 77.3





#13
Acrolein
Concen: 59.676 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

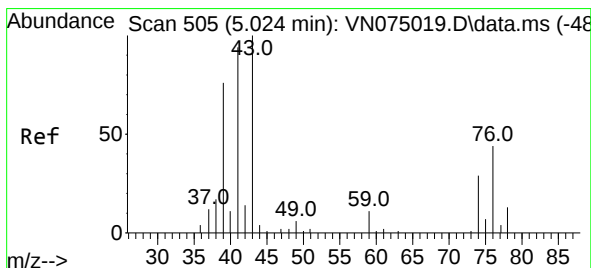
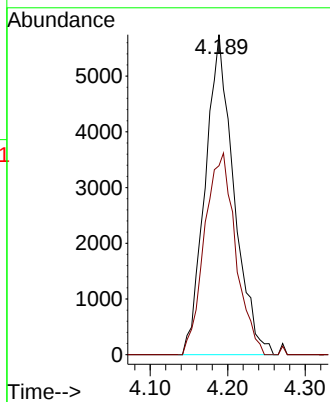
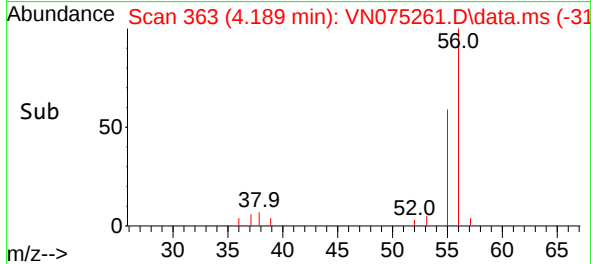
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBSD01



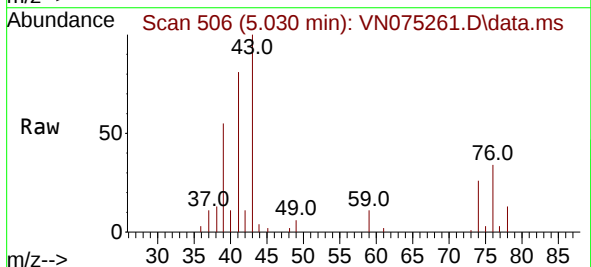
Tgt Ion: 56 Resp: 14760
Ion Ratio Lower Upper
56 100
55 68.3 55.2 82.8

Manual Integrations
APPROVED

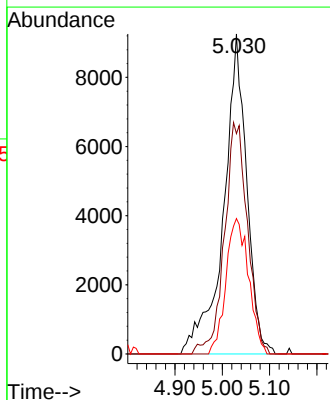
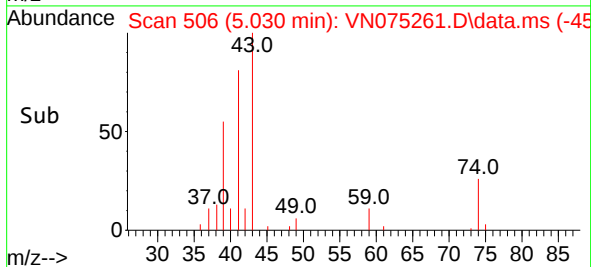
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#14
Allyl chloride
Concen: 21.089 ug/l
RT: 5.030 min Scan# 506
Delta R.T. 0.006 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28



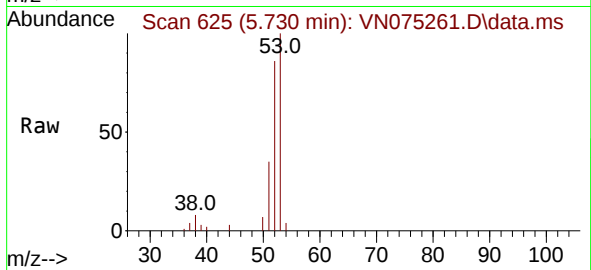
Tgt Ion: 41 Resp: 31433
Ion Ratio Lower Upper
41 100
39 72.0 61.0 91.4
76 41.4 33.4 50.0





#15
Acrylonitrile
Concen: 100.850 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

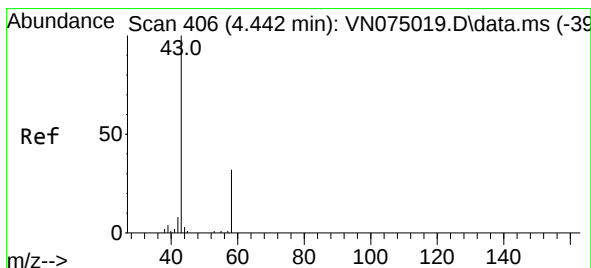
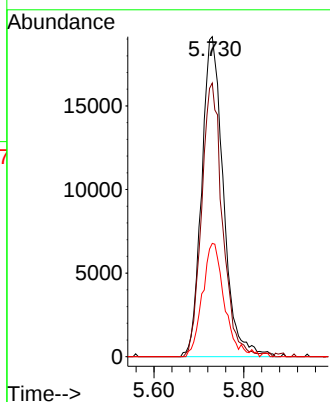
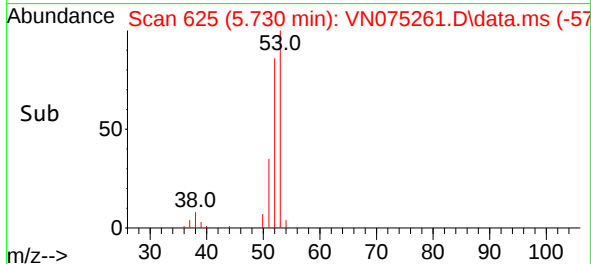
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBSD01



Tgt Ion: 53 Resp: 6444
Ion Ratio Lower Upper
53 100
52 82.0 66.4 99.6
51 35.4 29.6 44.4

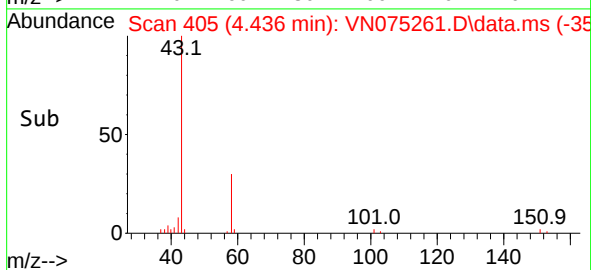
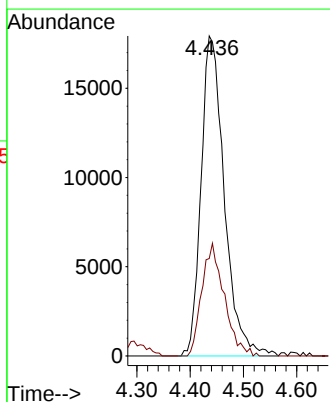
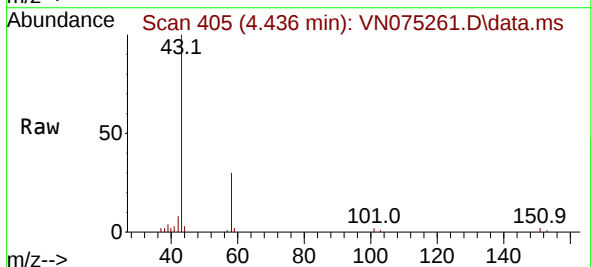
Manual Integrations
APPROVED

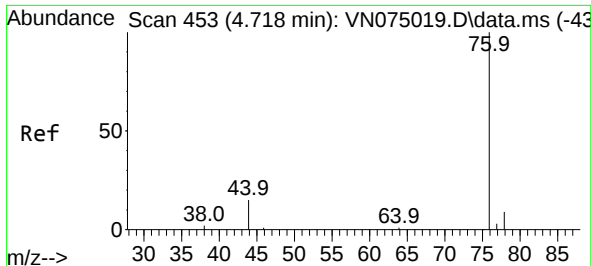
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#16
Acetone
Concen: 98.872 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

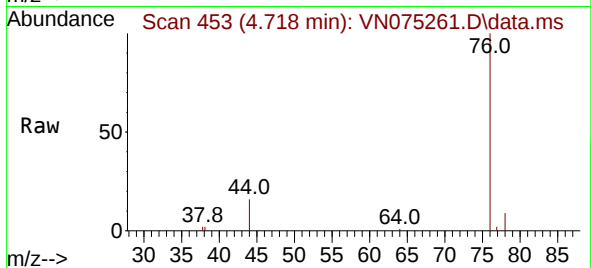
Tgt Ion: 43 Resp: 54307
Ion Ratio Lower Upper
43 100
58 30.4 25.5 38.3





#17
Carbon Disulfide
Concen: 22.391 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

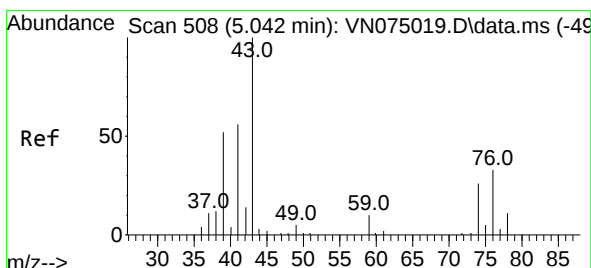
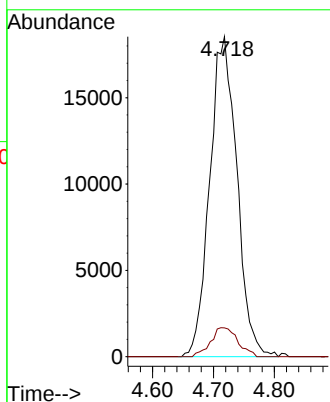
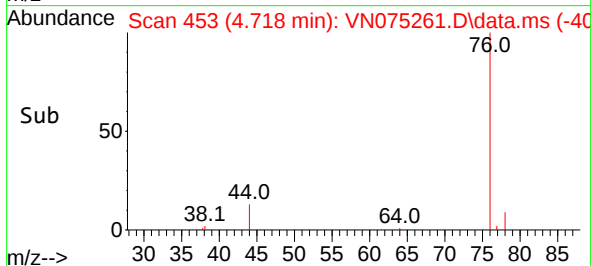
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBSD01



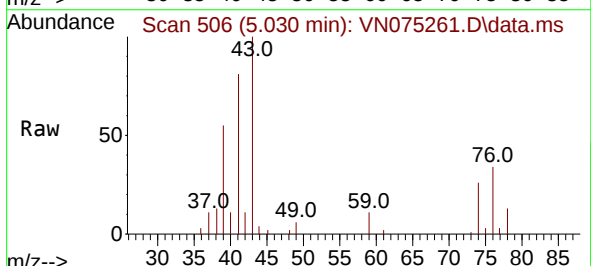
Tgt Ion: 76 Resp: 5746
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

Manual Integrations
APPROVED

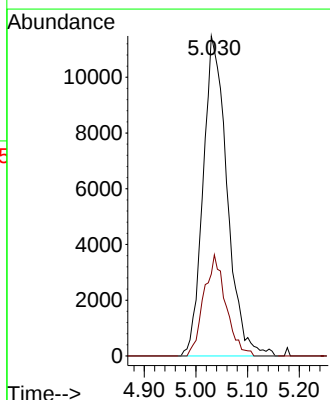
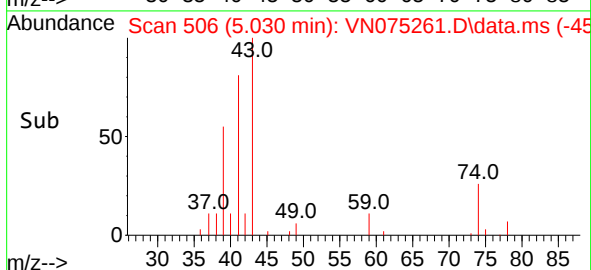
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

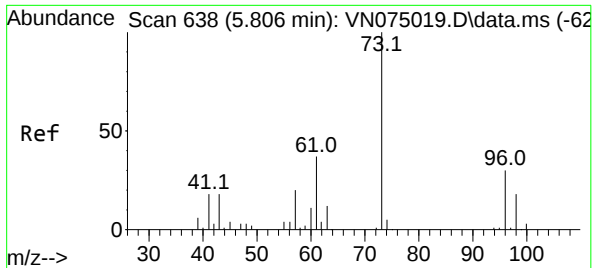


#18
Methyl Acetate
Concen: 20.628 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.012 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28



Tgt Ion: 43 Resp: 37009
Ion Ratio Lower Upper
43 100
74 29.0 22.0 33.0





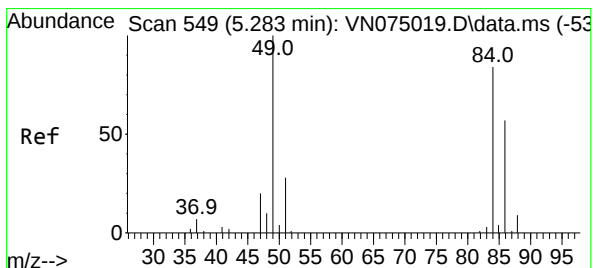
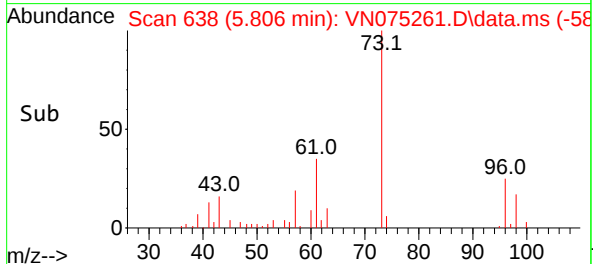
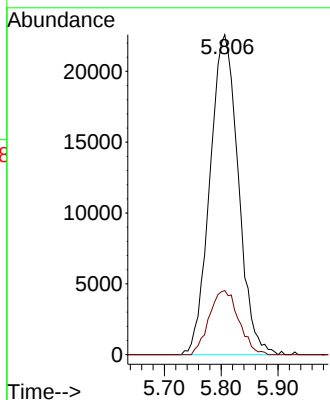
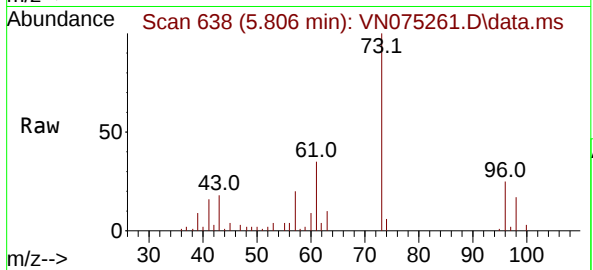
#19
Methyl tert-butyl Ether
Concen: 20.677 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBSD01

Tgt Ion: 73 Resp: 78429
Ion Ratio Lower Upper
73 100
57 20.0 16.3 24.5

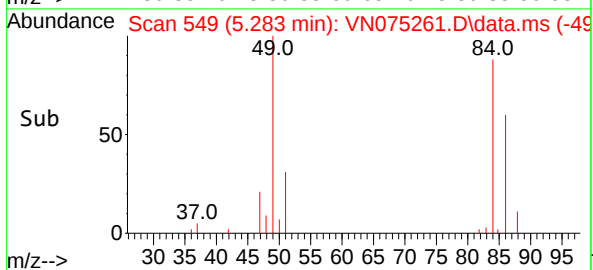
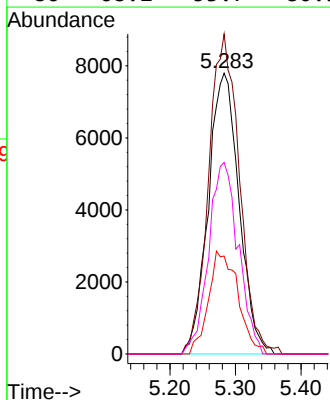
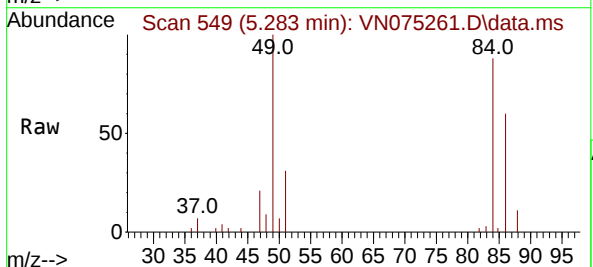
Manual Integrations
APPROVED

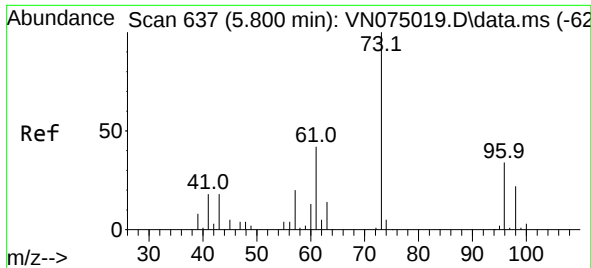
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#20
Methylene Chloride
Concen: 20.758 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

Tgt Ion: 84 Resp: 25421
Ion Ratio Lower Upper
84 100
49 114.0 94.9 142.3
51 34.9 26.8 40.2
86 68.2 53.7 80.5





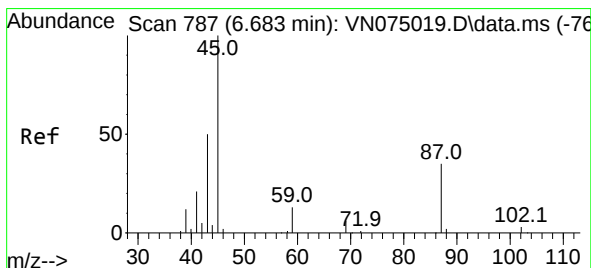
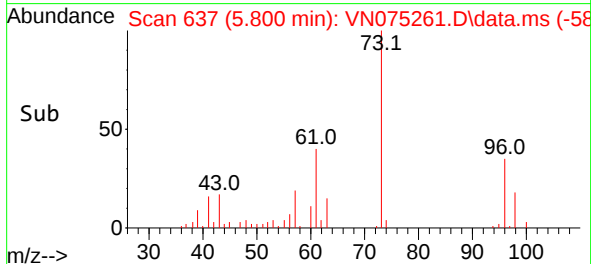
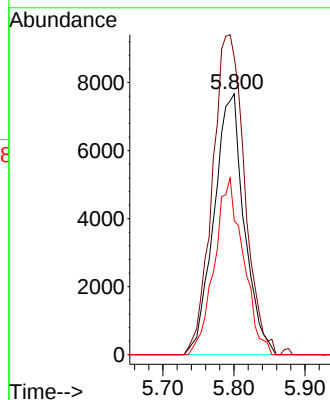
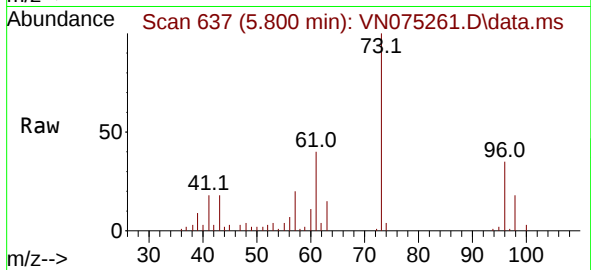
#21
trans-1,2-Dichloroethene
Concen: 20.299 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBSD01

Tgt Ion: 96 Resp: 2268
Ion Ratio Lower Upper
96 100
61 114.1 99.9 149.9
98 51.4 51.5 77.3

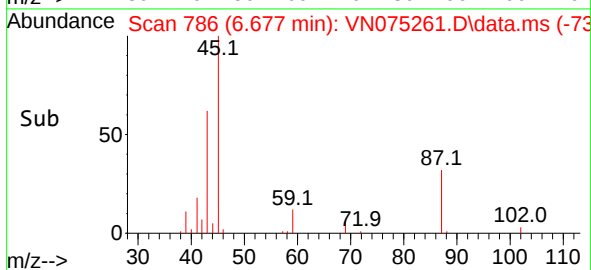
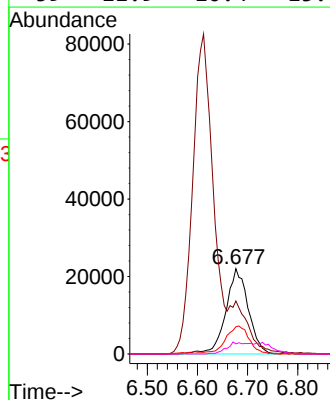
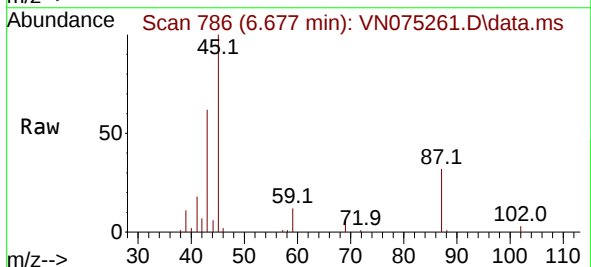
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#22
Diisopropyl ether
Concen: 20.752 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

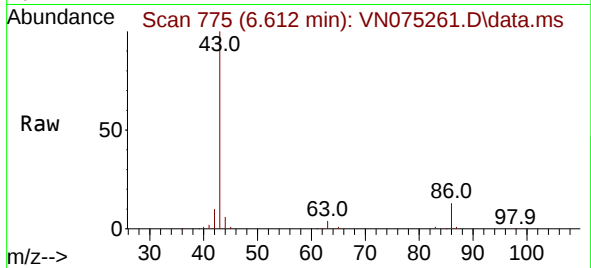
Tgt Ion: 45 Resp: 68260
Ion Ratio Lower Upper
45 100
43 59.6 42.8 64.2
87 31.9 28.4 42.6
59 11.9 10.4 15.6





#23
 Vinyl Acetate
 Concen: 97.794 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075261.D
 Acq: 14 Nov 2022 13:28

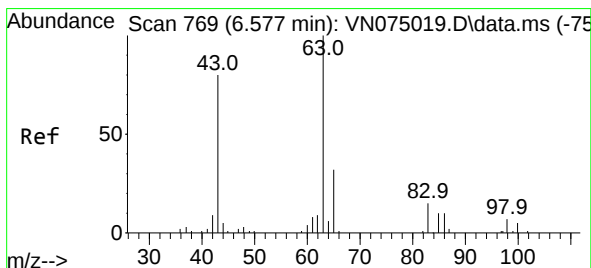
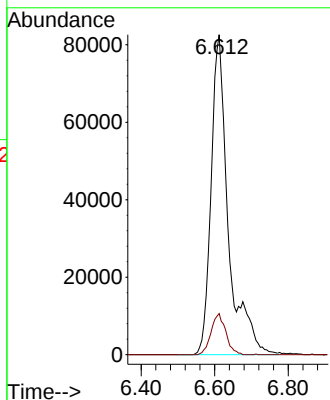
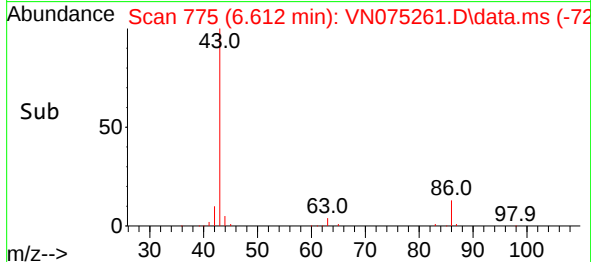
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114MBSD01



Tgt Ion: 43 Resp: 268615
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.7 16.1

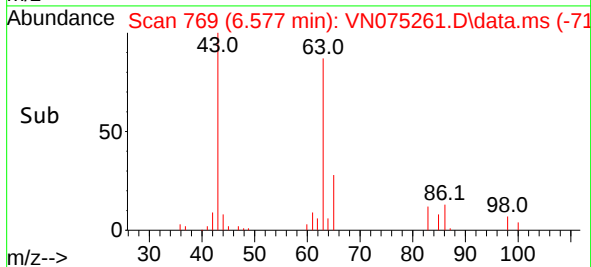
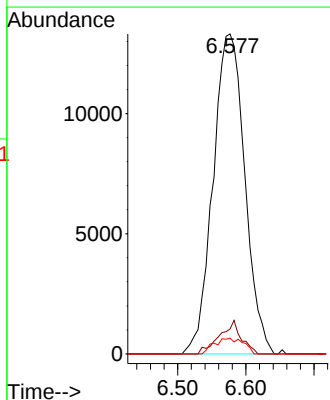
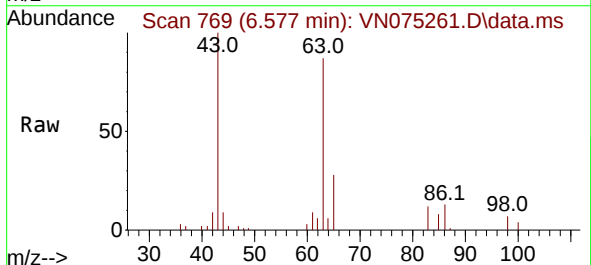
Manual Integrations
 APPROVED

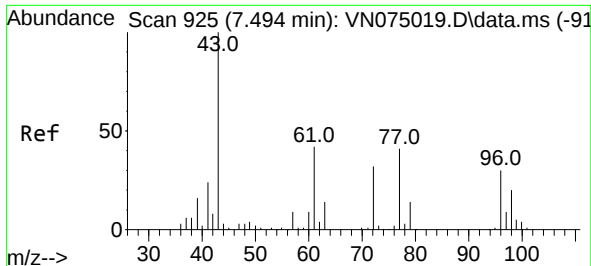
Reviewed By :John Carlone 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022



#24
 1,1-Dichloroethane
 Concen: 20.782 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075261.D
 Acq: 14 Nov 2022 13:28

Tgt Ion: 63 Resp: 43234
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.8
 100 4.9 2.4 7.2





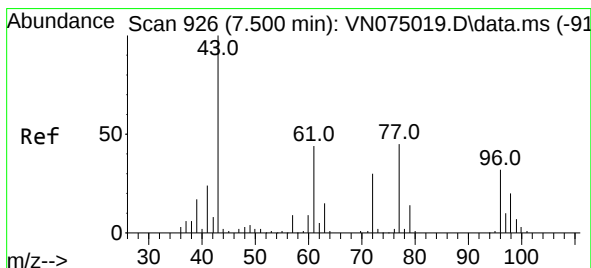
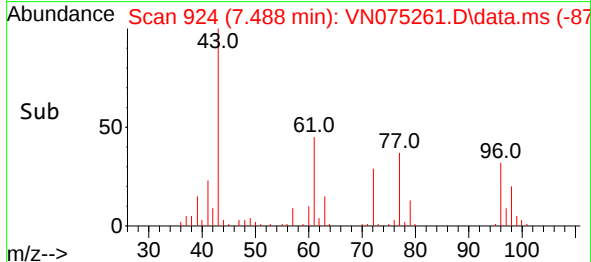
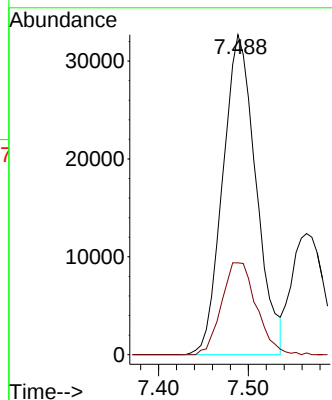
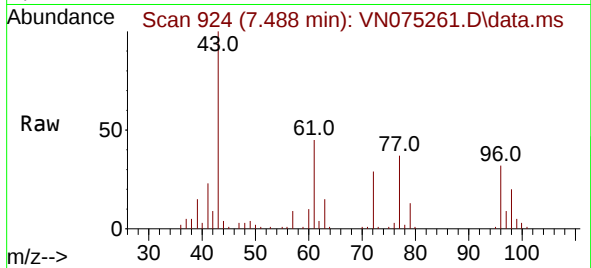
#25
2-Butanone
Concen: 97.562 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01

Tgt Ion: 43 Resp: 8428
Ion Ratio Lower Upper
43 100
72 28.7 25.5 38.3

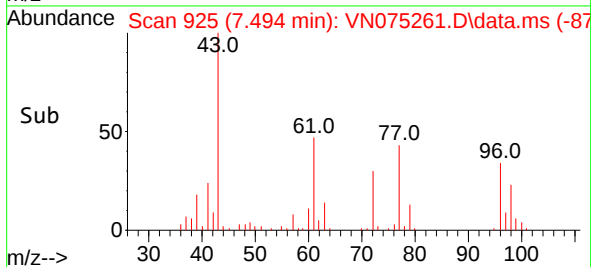
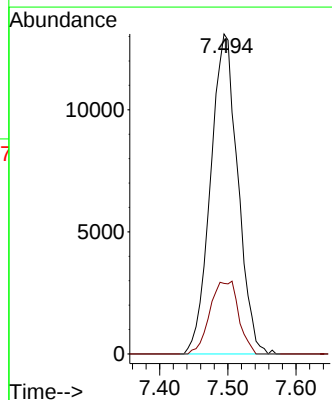
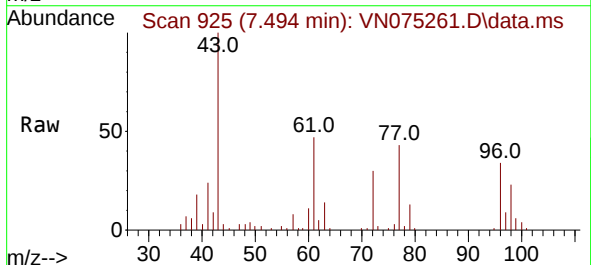
Manual Integrations
APPROVED

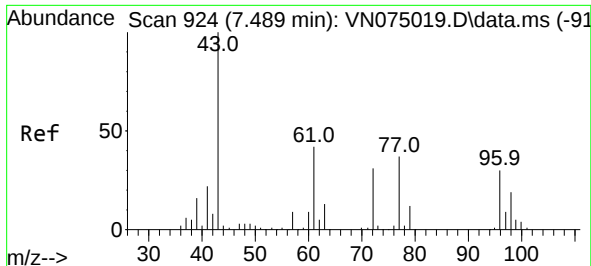
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#26
2,2-Dichloropropane
Concen: 19.042 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

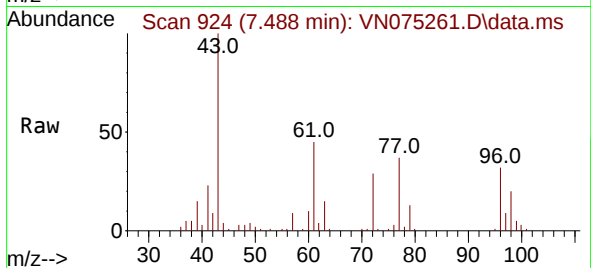
Tgt Ion: 77 Resp: 36442
Ion Ratio Lower Upper
77 100
97 23.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 21.055 ug/l
 RT: 7.488 min Scan# 91
 Delta R.T. -0.001 min
 Lab File: VN075261.D
 Acq: 14 Nov 2022 13:28

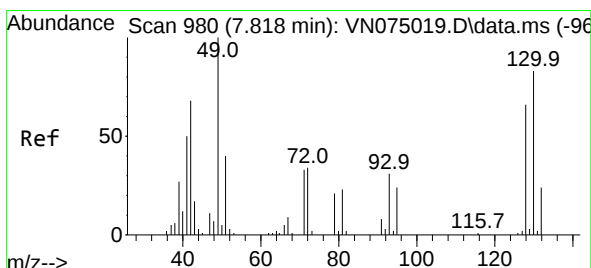
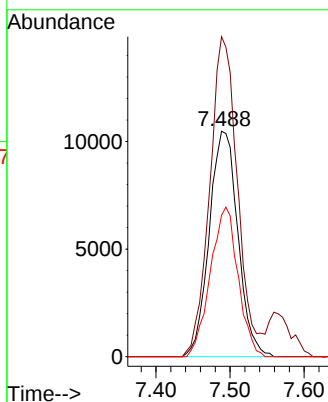
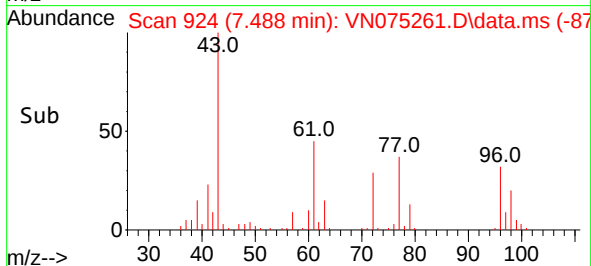
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114MBS01



Tgt Ion: 96 Resp: 28090
 Ion Ratio Lower Upper
 96 100
 61 138.9 0.0 278.8
 98 64.1 0.0 128.4

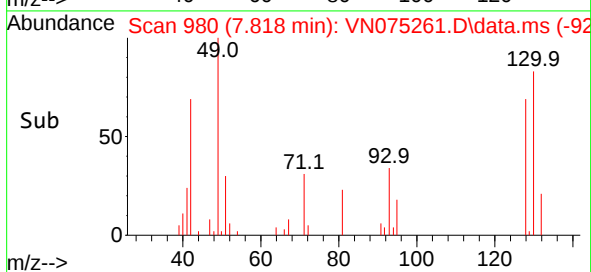
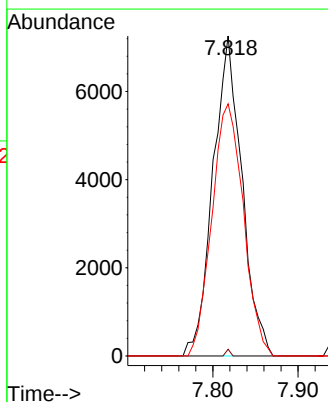
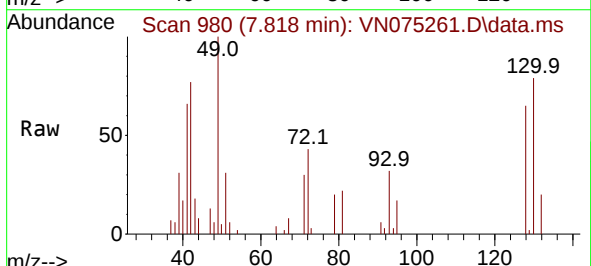
Manual Integrations
 APPROVED

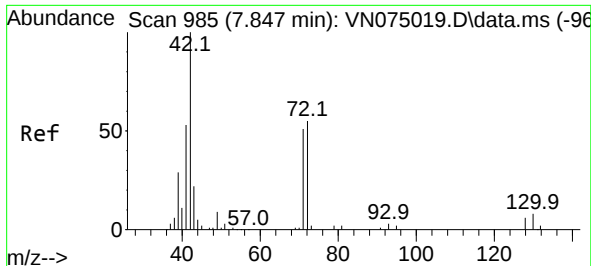
Reviewed By :John Carlone 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022



#28
 Bromochloromethane
 Concen: 19.482 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075261.D
 Acq: 14 Nov 2022 13:28

Tgt Ion: 49 Resp: 17085
 Ion Ratio Lower Upper
 49 100
 129 0.3 0.0 4.6
 130 85.8 66.2 99.4





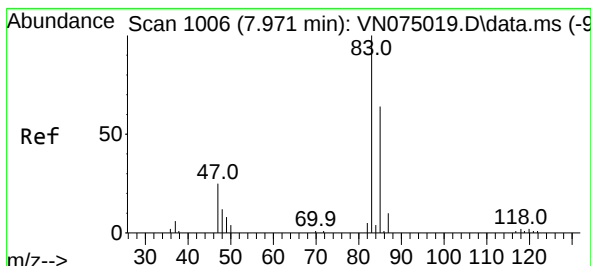
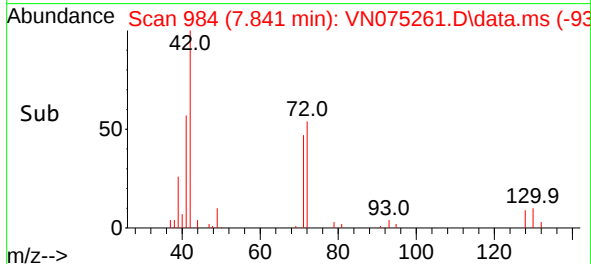
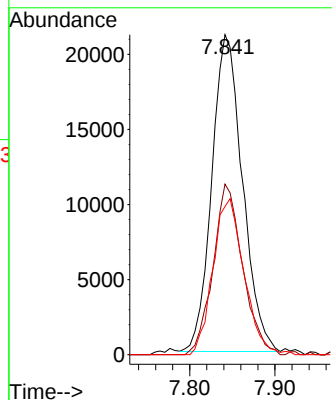
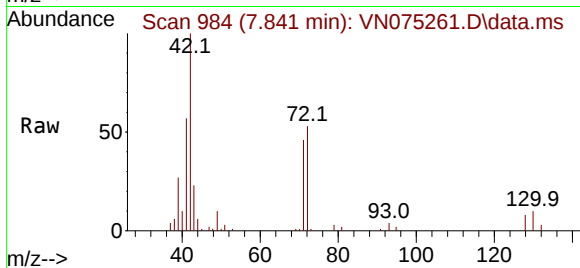
#29
Tetrahydrofuran
Concen: 94.496 ug/l
RT: 7.841 min Scan# 985
Delta R.T. -0.006 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBSD01

Tgt Ion: 42 Resp: 52754
Ion Ratio Lower Upper
42 100
72 52.0 43.0 64.6
71 49.8 39.9 59.9

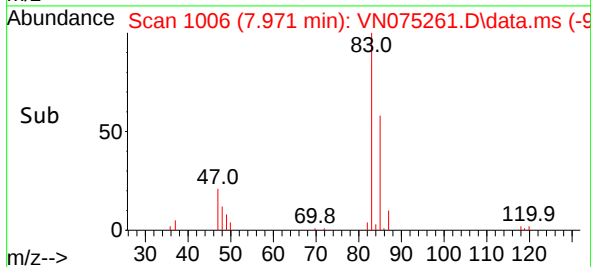
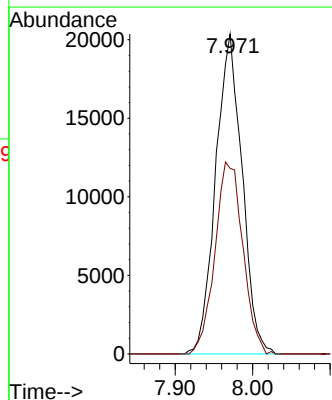
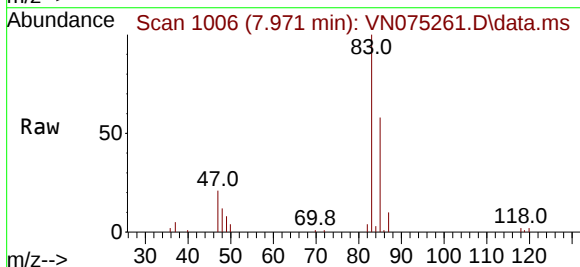
Manual Integrations
APPROVED

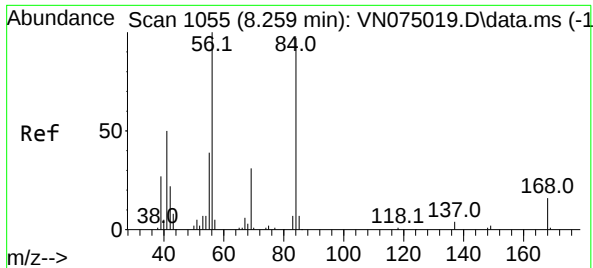
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#30
Chloroform
Concen: 21.364 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

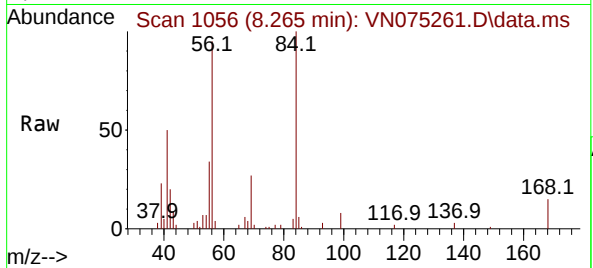
Tgt Ion: 83 Resp: 48255
Ion Ratio Lower Upper
83 100
85 58.0 51.4 77.0





#31
Cyclohexane
Concen: 20.541 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

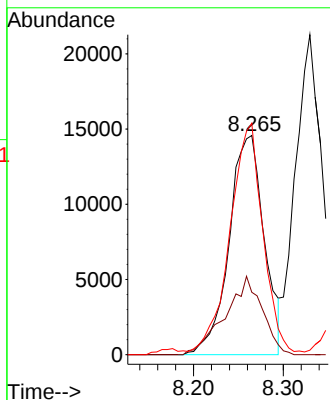
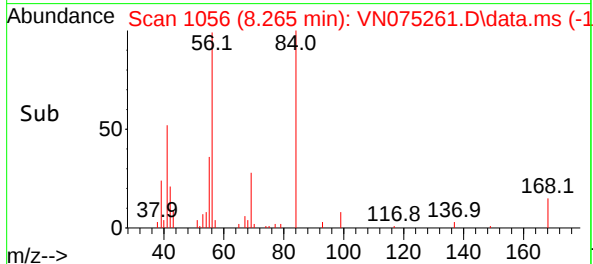
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBSD01



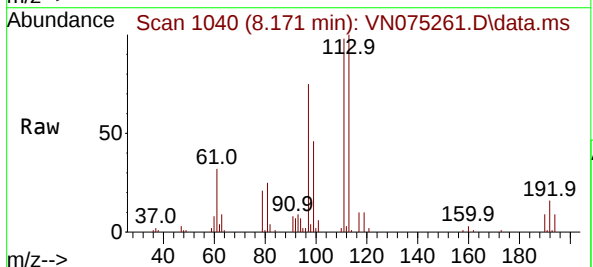
Tgt Ion: 56 Resp: 39630
Ion Ratio Lower Upper
56 100
69 28.5 25.2 37.8
84 104.0 77.8 116.8

Manual Integrations
APPROVED

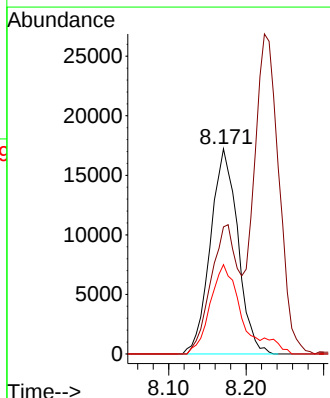
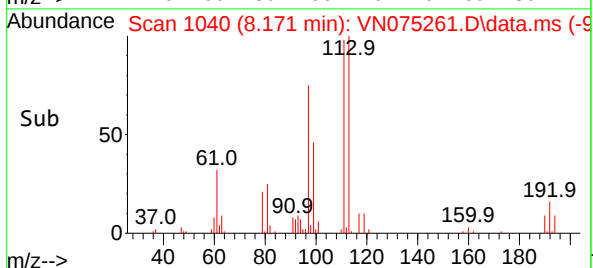
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#32
1,1,1-Trichloroethane
Concen: 20.631 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28



Tgt Ion: 97 Resp: 42316
Ion Ratio Lower Upper
97 100
99 61.7 50.2 75.2
61 46.2 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 47.375 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075261.D

Acq: 14 Nov 2022 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN1114MBS01

Tgt Ion: 65 Resp: 61454

Ion Ratio Lower Upper

65 100

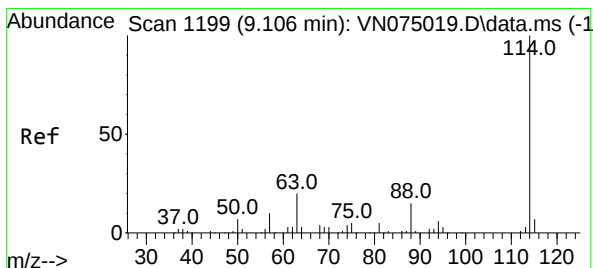
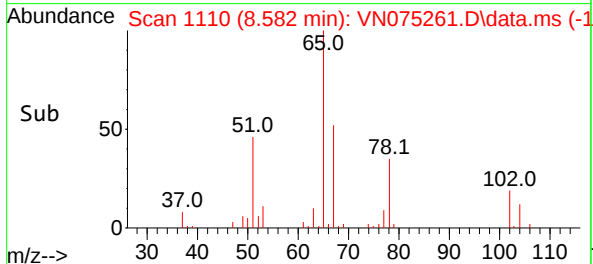
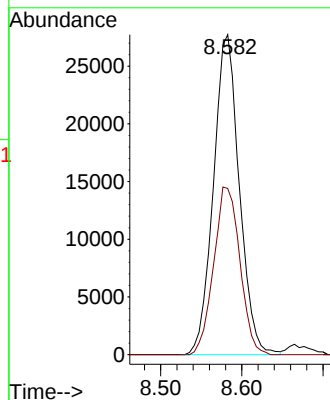
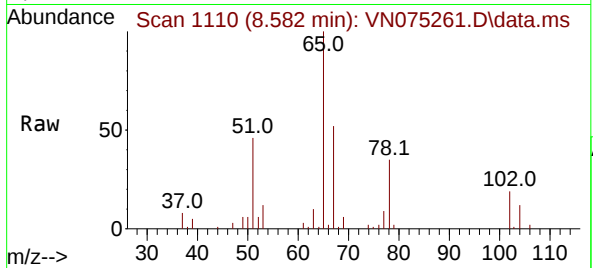
67 53.1 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN075261.D

Acq: 14 Nov 2022 13:28

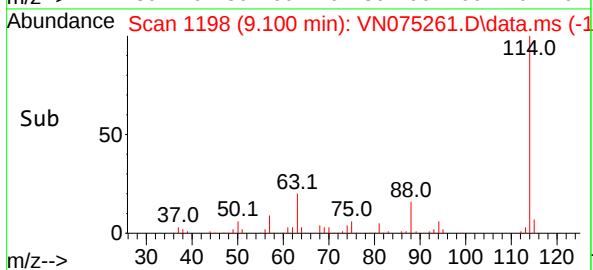
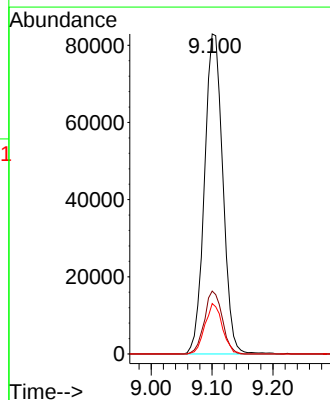
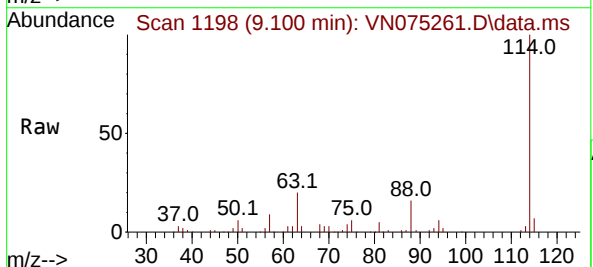
Tgt Ion:114 Resp: 173055

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

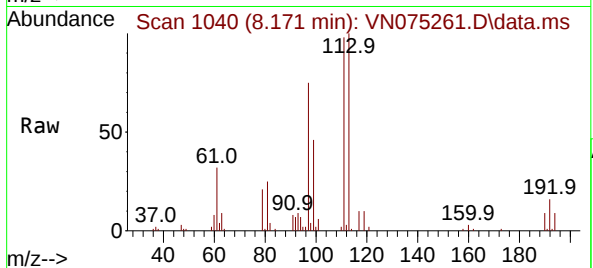
88 15.8 0.0 29.0





#35
Dibromofluoromethane
Concen: 52.615 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

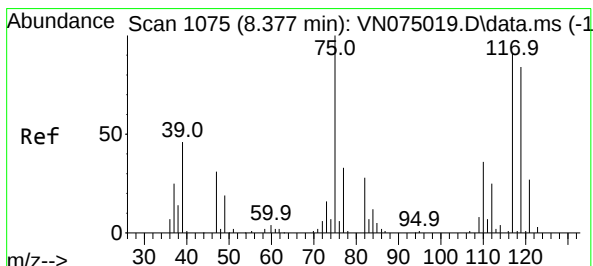
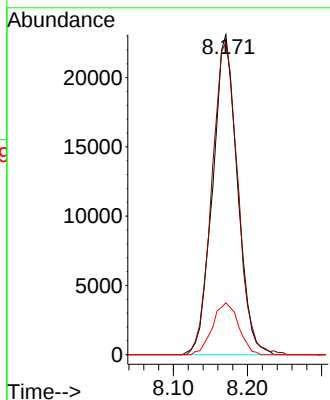
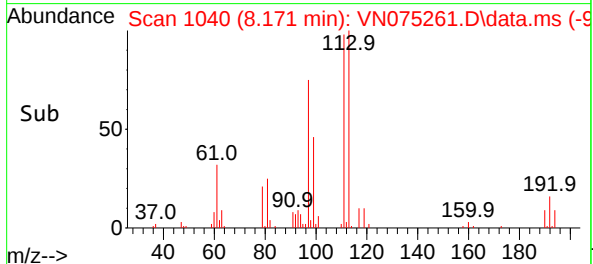
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBSD01



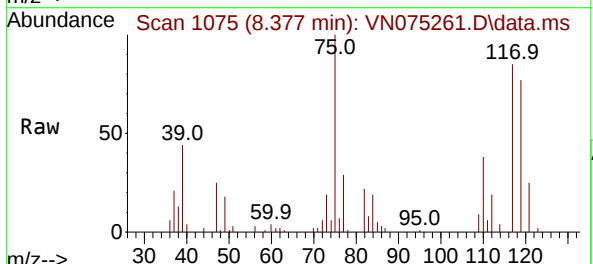
Tgt Ion: 113 Resp: 5345
Ion Ratio Lower Upper
113 100
111 102.3 80.5 120.7
192 17.0 13.2 19.8

Manual Integrations
APPROVED

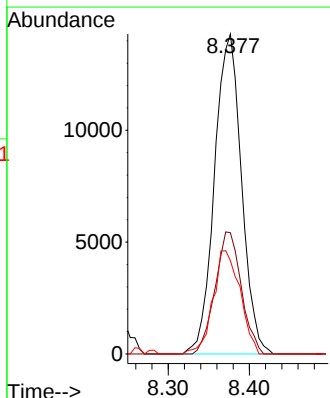
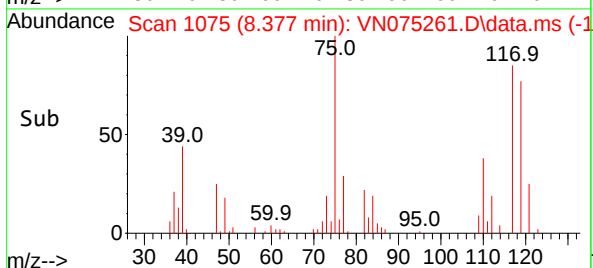
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#36
1,1-Dichloropropene
Concen: 21.007 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28



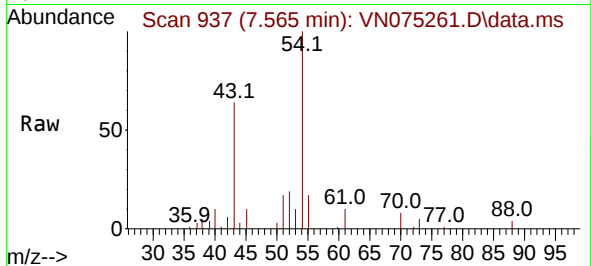
Tgt Ion: 75 Resp: 33040
Ion Ratio Lower Upper
75 100
110 37.1 17.8 53.3
77 32.4 24.6 37.0





#37
Ethyl Acetate
Concen: 18.946 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

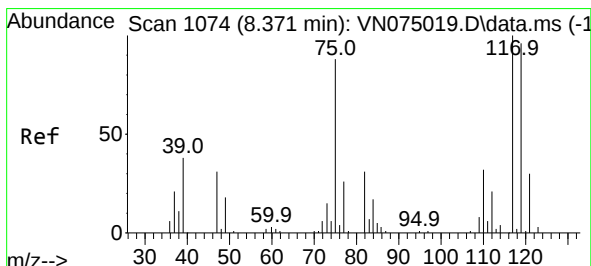
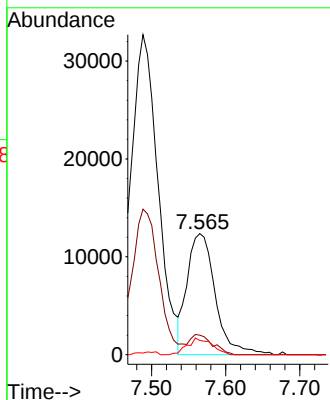
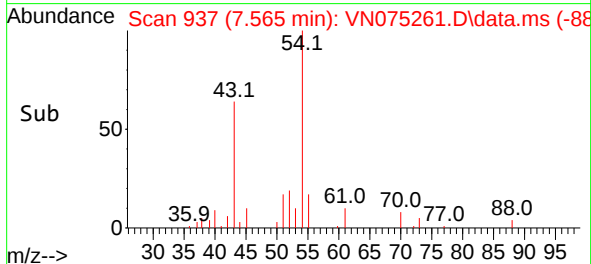
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBSD01



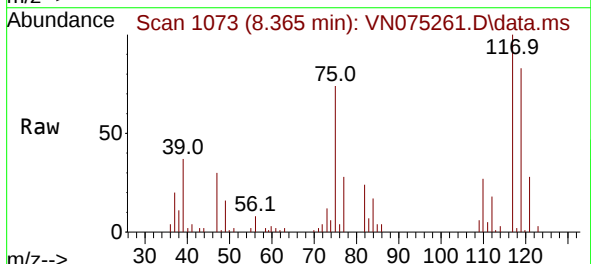
Tgt Ion: 43 Resp: 32680
Ion Ratio Lower Upper
43 100
61 12.9 12.2 18.4
70 11.9 9.4 14.2

Manual Integrations
APPROVED

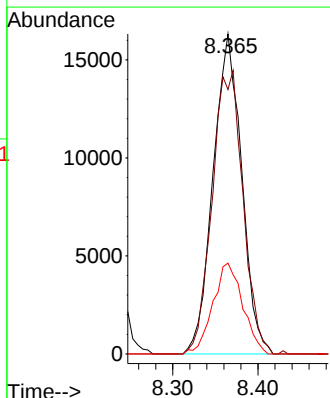
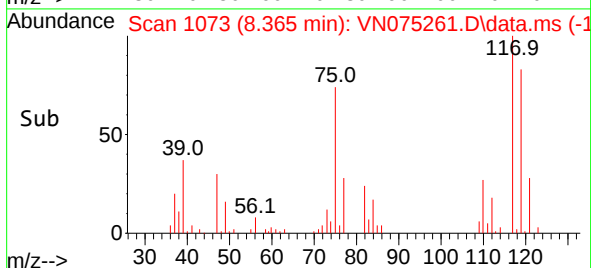
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

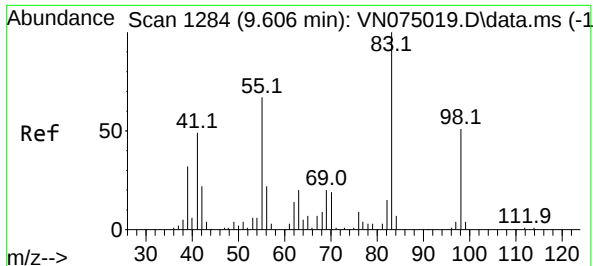


#38
Carbon Tetrachloride
Concen: 22.010 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28



Tgt Ion:117 Resp: 38080
Ion Ratio Lower Upper
117 100
119 82.7 76.7 115.1
121 28.4 23.9 35.9





#39

Methylcyclohexane

Concen: 20.682 ug/l

RT: 9.600 min Scan# 1114

Delta R.T. -0.006 min

Lab File: VN075261.D

Acq: 14 Nov 2022 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN1114MBSD01

Tgt Ion: 83 Resp: 4294

Ion Ratio Lower Upper

83 100

55 65.7 53.6 80.4

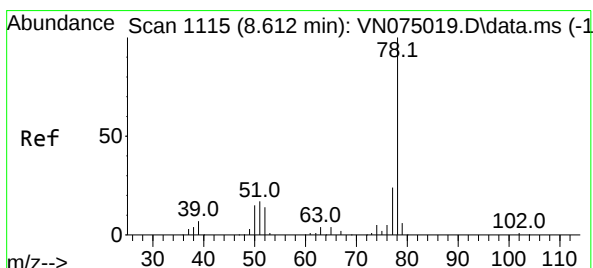
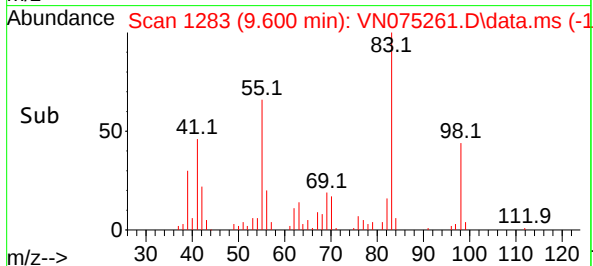
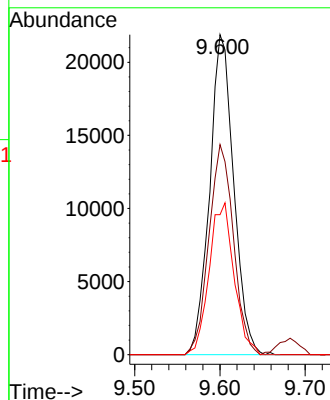
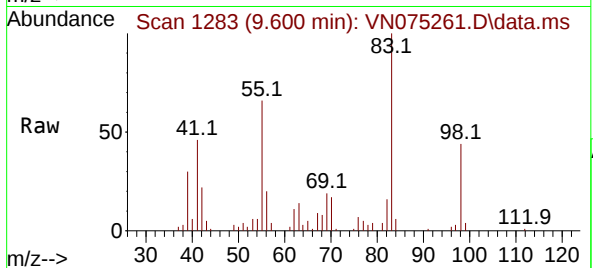
98 43.8 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#40

Benzene

Concen: 21.760 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075261.D

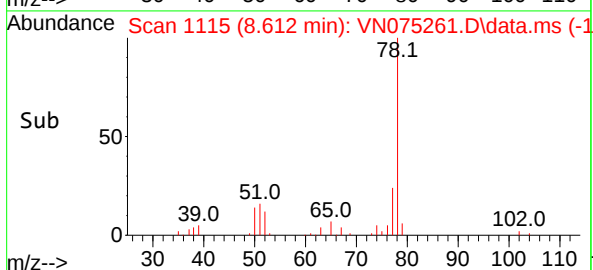
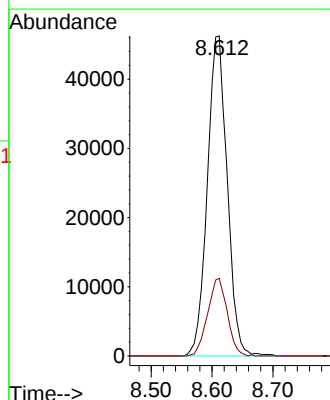
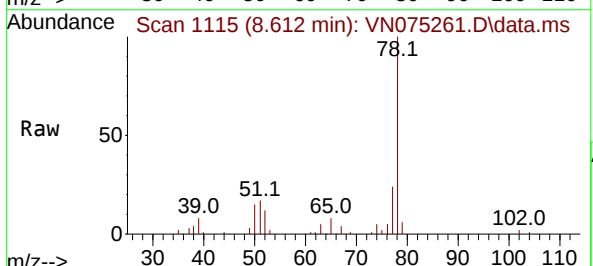
Acq: 14 Nov 2022 13:28

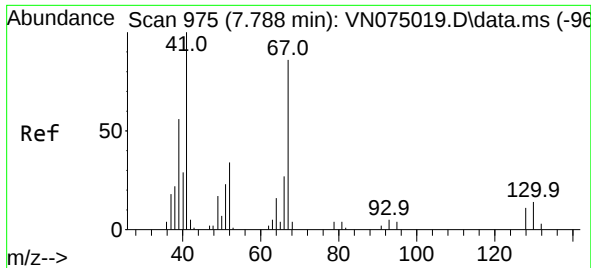
Tgt Ion: 78 Resp: 104792

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0





#41
Methacrylonitrile
Concen: 19.861 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

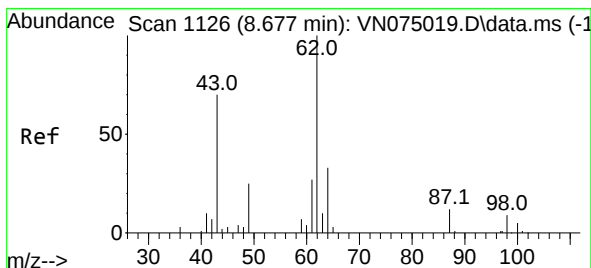
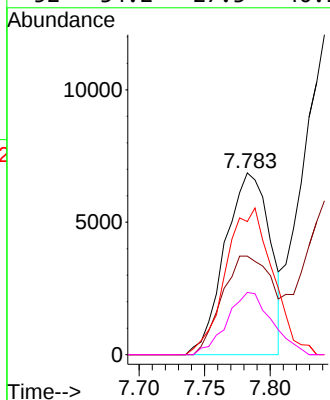
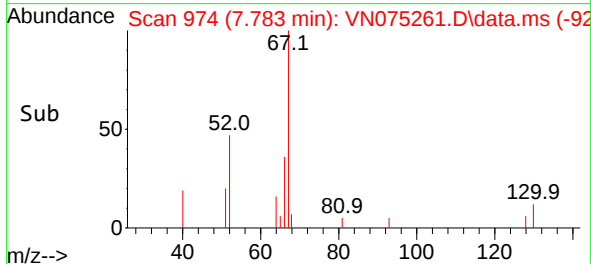
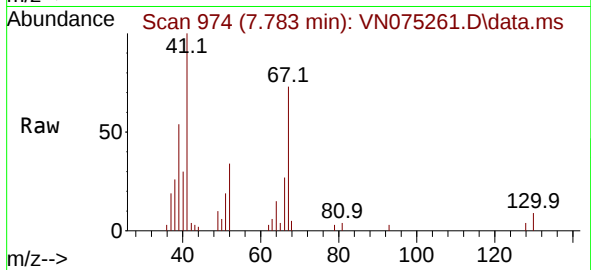
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBSD01

Tgt Ion: 41 Resp: 1641

Ion	Ratio	Lower	Upper
41	100		
39	69.3	44.4	66.6
67	84.4	69.8	104.6
52	34.2	27.3	40.9

Manual Integrations
APPROVED

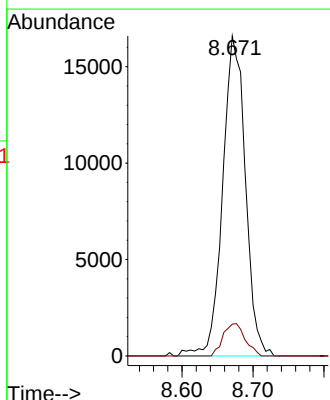
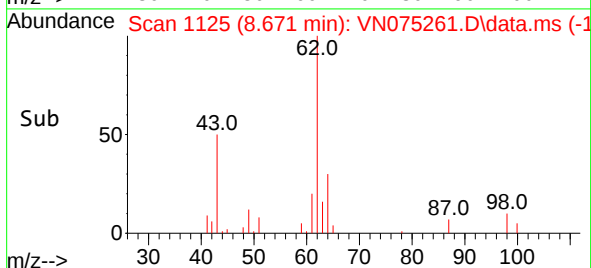
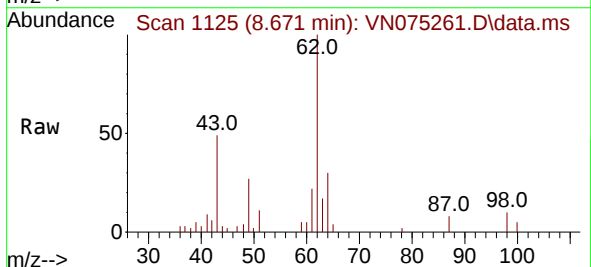
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

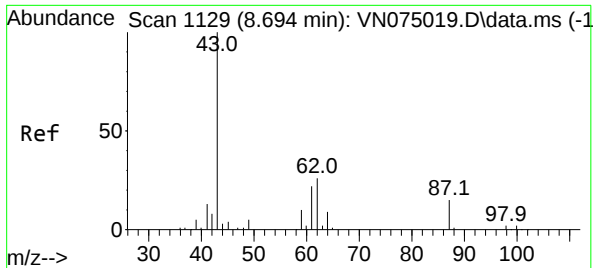


#42
1,2-Dichloroethane
Concen: 21.059 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

Tgt Ion: 62 Resp: 36896

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.2





#43

Isopropyl Acetate

Concen: 19.139 ug/l

RT: 8.688 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN075261.D

Acq: 14 Nov 2022 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN1114MBS01

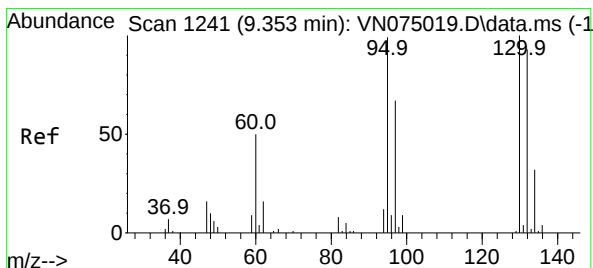
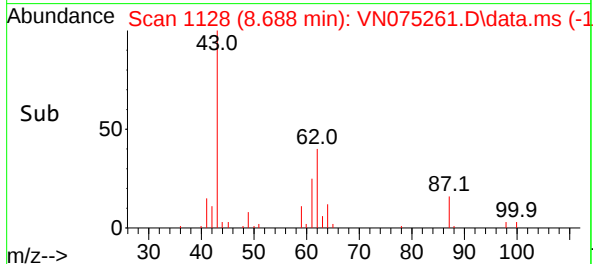
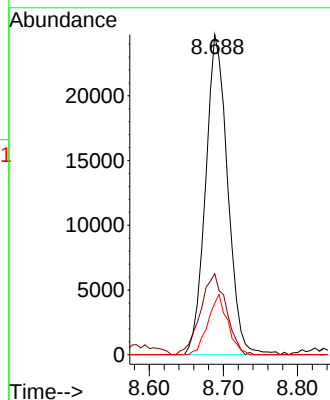
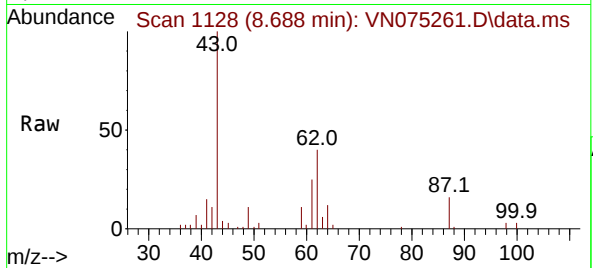
Tgt Ion: 43	Resp: 51200
Ion Ratio	Lower Upper
43 100	
61 29.4	22.4 33.6
87 16.7	12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#44

Trichloroethene

Concen: 21.760 ug/l

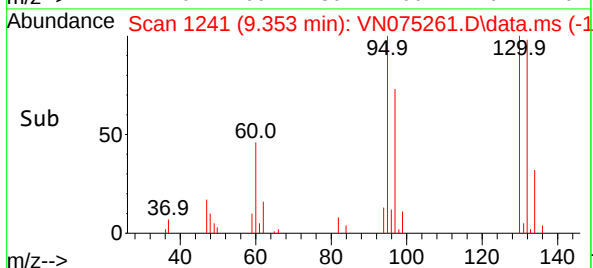
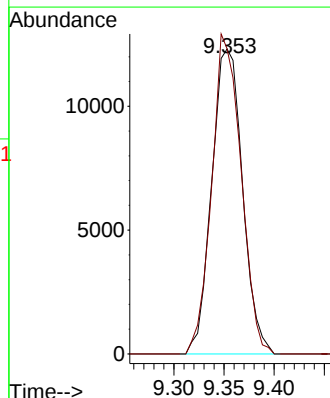
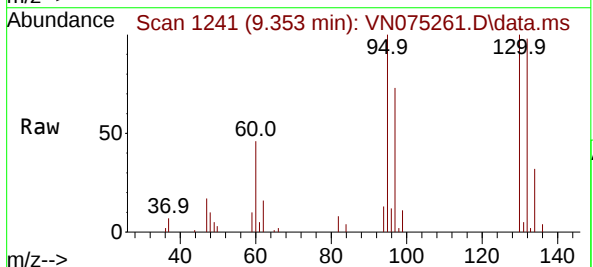
RT: 9.353 min Scan# 1241

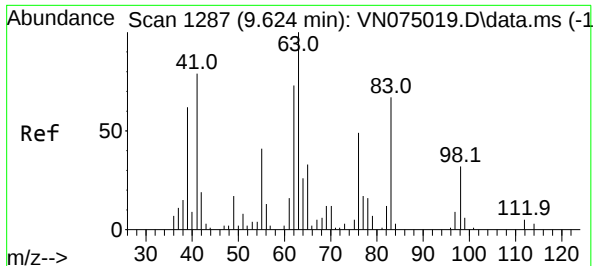
Delta R.T. 0.000 min

Lab File: VN075261.D

Acq: 14 Nov 2022 13:28

Tgt Ion:130	Resp: 26291
Ion Ratio	Lower Upper
130 100	
95 100.1	0.0 198.4





#45

1,2-Dichloropropane

Concen: 21.742 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075261.D

Acq: 14 Nov 2022 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN1114MBS01

Tgt Ion: 63 Resp: 2491

Ion Ratio Lower Upper

63 100

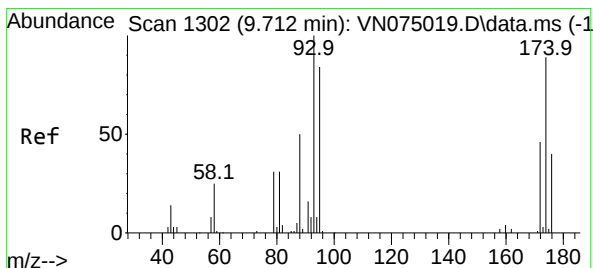
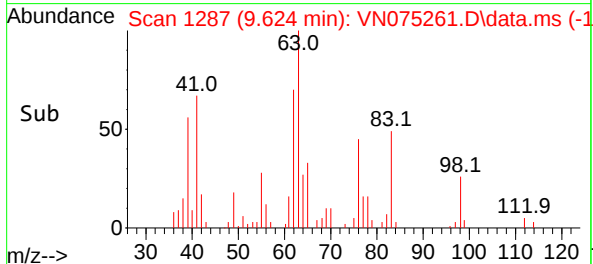
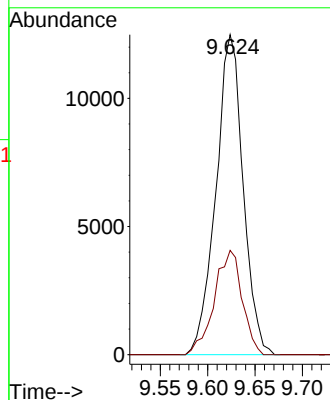
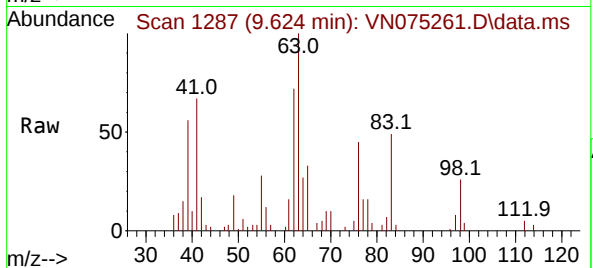
65 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#46

Dibromomethane

Concen: 21.827 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075261.D

Acq: 14 Nov 2022 13:28

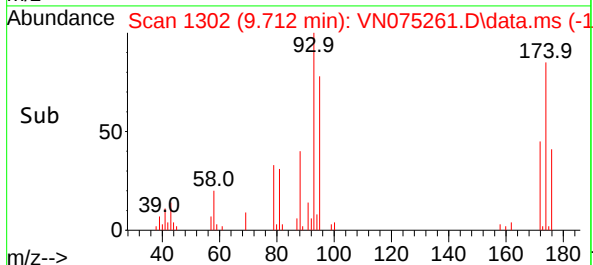
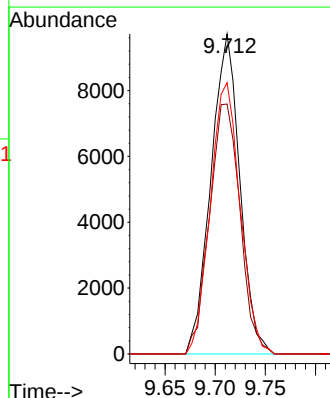
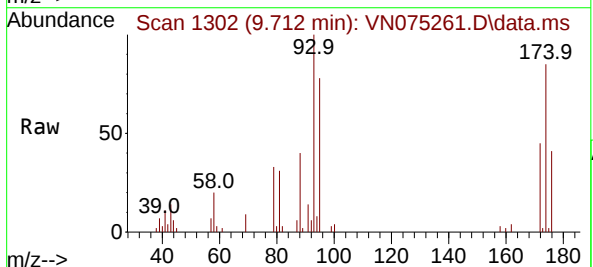
Tgt Ion: 93 Resp: 19489

Ion Ratio Lower Upper

93 100

95 82.4 66.6 99.8

174 87.2 70.3 105.5





#47

Bromodichloromethane

Concen: 22.005 ug/l

RT: 9.888 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN075261.D

Acq: 14 Nov 2022 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN1114MBS01

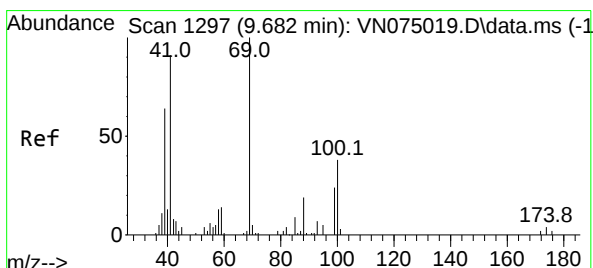
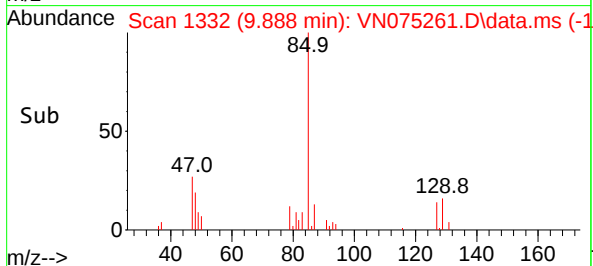
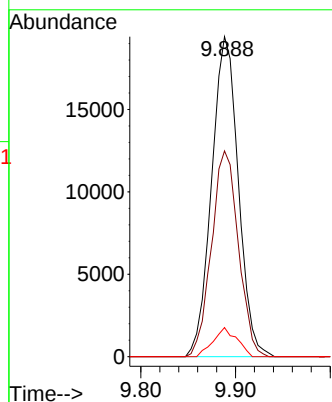
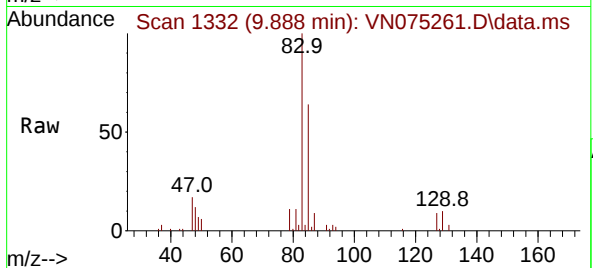
Tgt Ion:	83	Resp:	38049
Ion Ratio	Lower	Upper	
83	100		
85	64.3	52.1	78.1
127	9.1	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#48

Methyl methacrylate

Concen: 20.504 ug/l

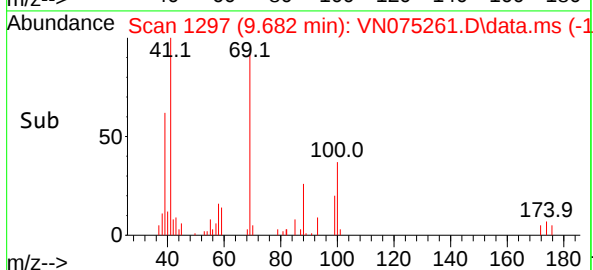
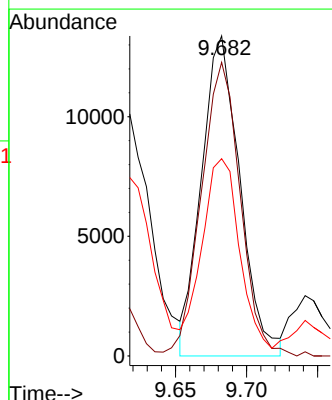
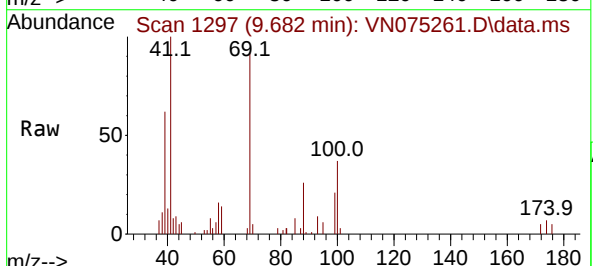
RT: 9.682 min Scan# 1297

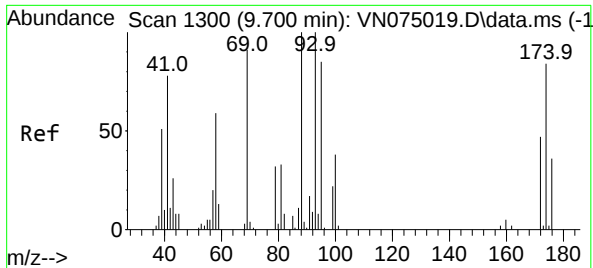
Delta R.T. 0.000 min

Lab File: VN075261.D

Acq: 14 Nov 2022 13:28

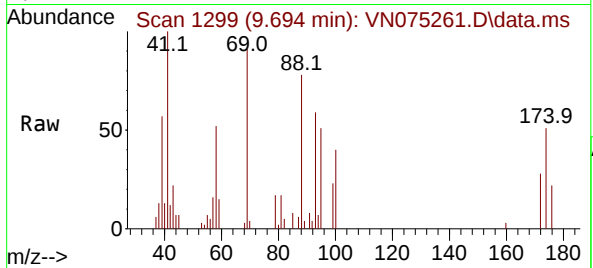
Tgt Ion:	41	Resp:	25164
Ion Ratio	Lower	Upper	
41	100		
69	92.9	80.2	120.2
39	61.7	56.2	84.2





#49
1,4-Dioxane
Concen: 425.567 ug/l
RT: 9.694 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

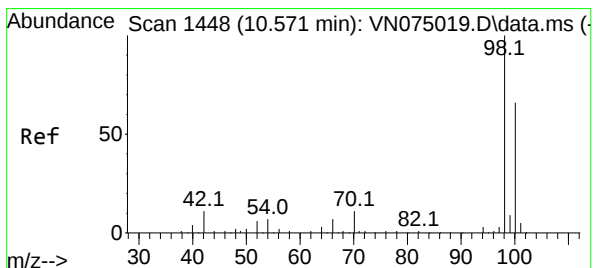
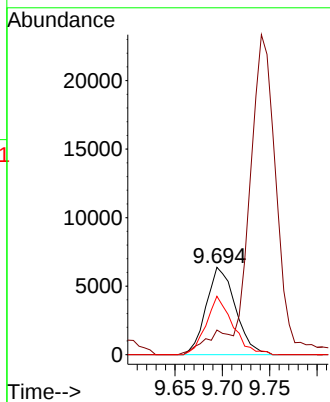
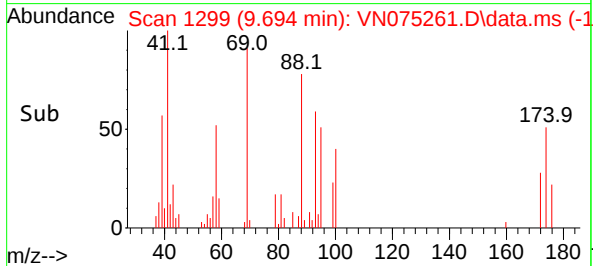
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBSD01



Tgt Ion: 88 Resp: 1367
Ion Ratio Lower Upper
88 100
43 22.9 17.5 26.3
58 61.0 49.8 74.8

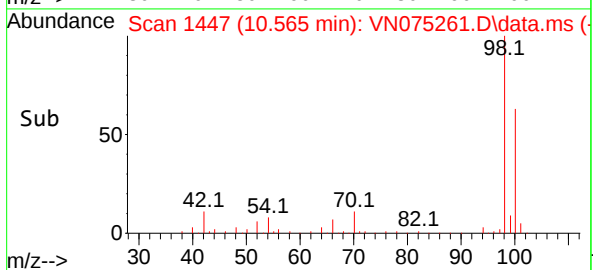
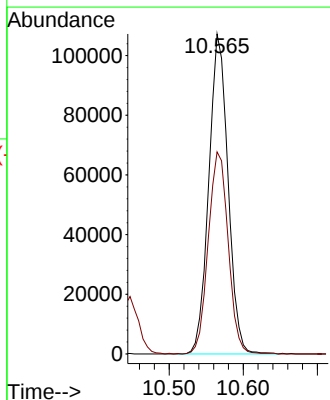
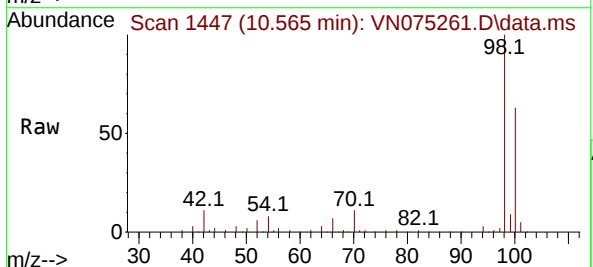
Manual Integrations
APPROVED

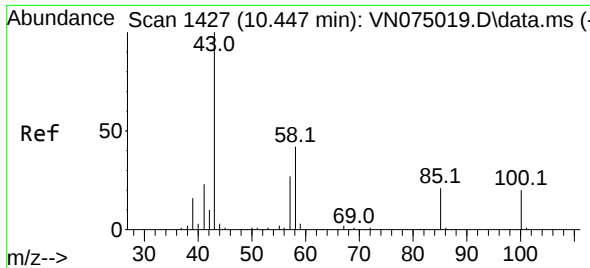
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#50
Toluene-d8
Concen: 49.013 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

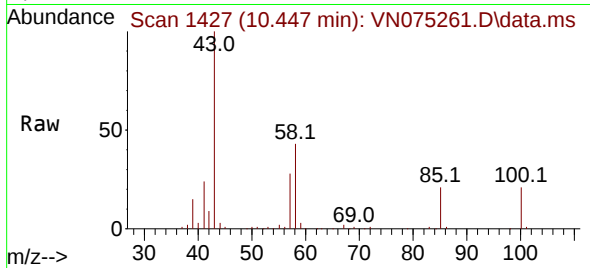
Tgt Ion: 98 Resp: 193183
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 98.296 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

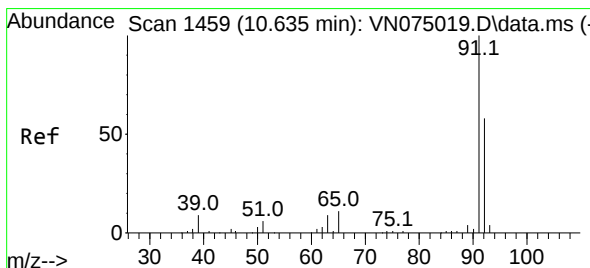
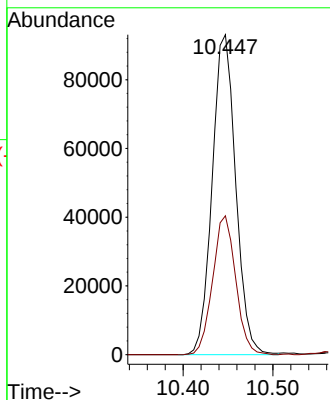
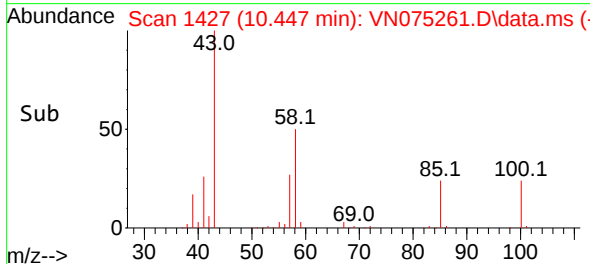
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01



Tgt Ion: 43 Resp: 16971
Ion Ratio Lower Upper
43 100
58 42.5 33.6 50.4

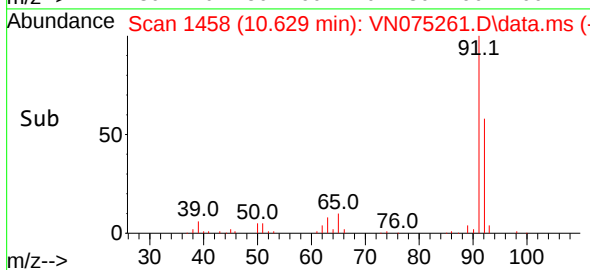
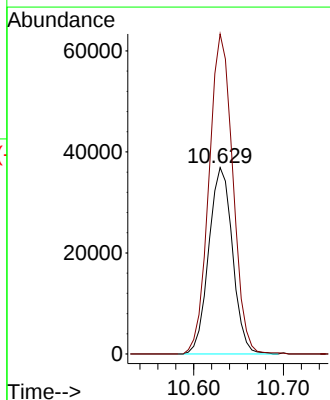
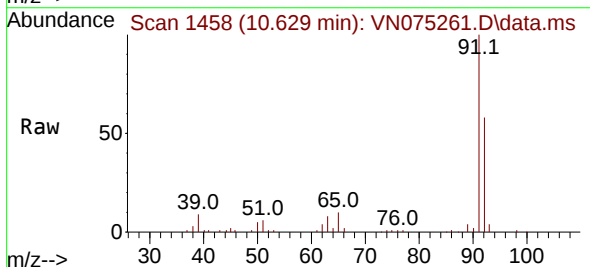
Manual Integrations
APPROVED

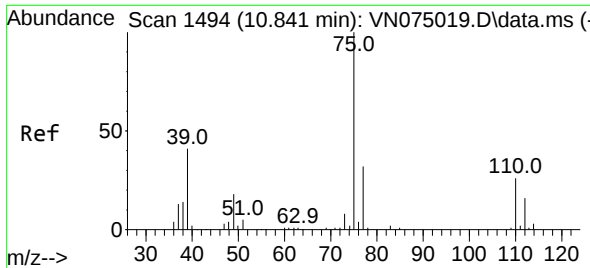
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#52
Toluene
Concen: 21.054 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

Tgt Ion: 92 Resp: 67777
Ion Ratio Lower Upper
92 100
91 172.8 135.4 203.2





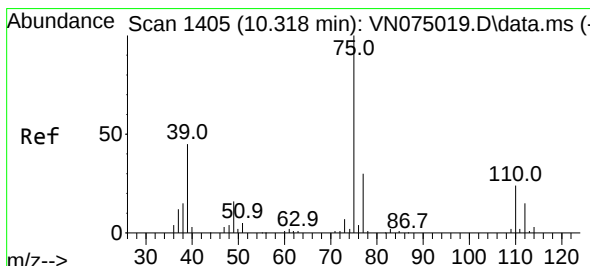
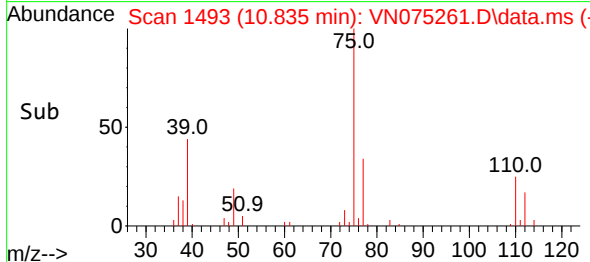
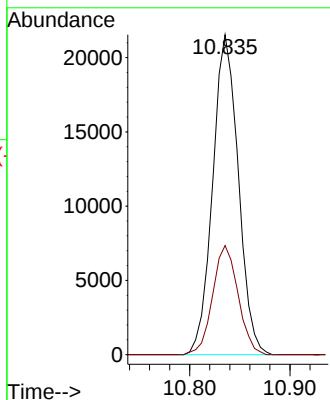
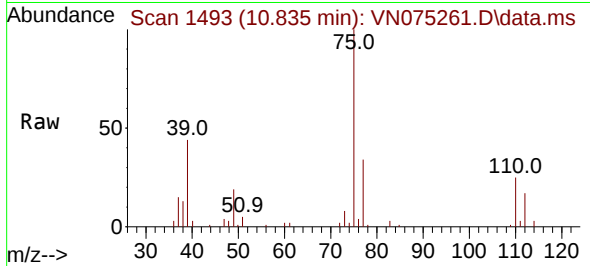
#53
 t-1,3-Dichloropropene
 Concen: 20.918 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.006 min
 Lab File: VN075261.D
 Acq: 14 Nov 2022 13:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114MBS01

Tgt Ion: 75 Resp: 38170
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.4 38.2

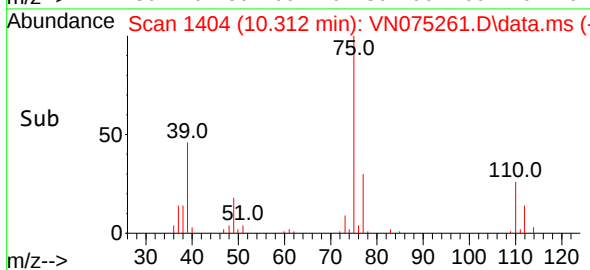
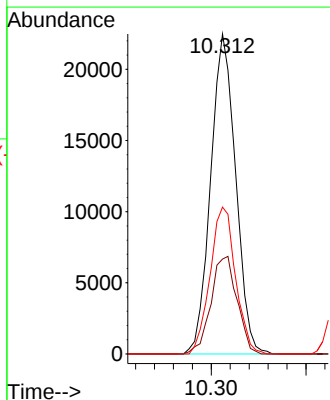
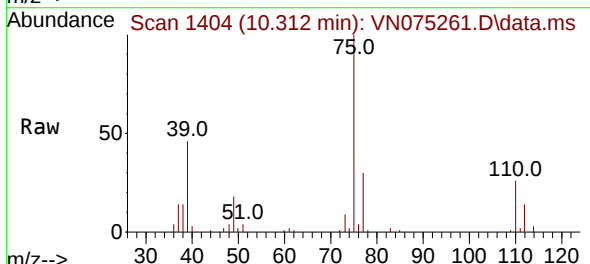
Manual Integrations
 APPROVED

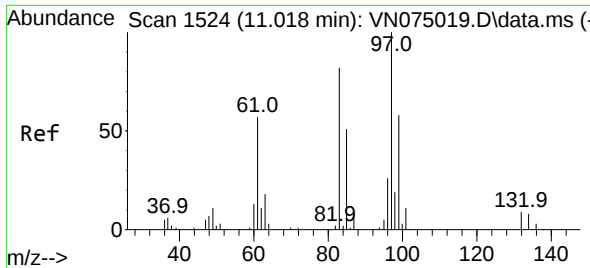
Reviewed By :John Carlone 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022



#54
 cis-1,3-Dichloropropene
 Concen: 21.284 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.006 min
 Lab File: VN075261.D
 Acq: 14 Nov 2022 13:28

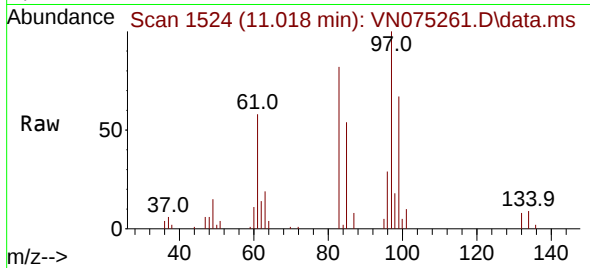
Tgt Ion: 75 Resp: 41201
 Ion Ratio Lower Upper
 75 100
 77 29.7 23.7 35.5
 39 45.9 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 21.465 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBSD01

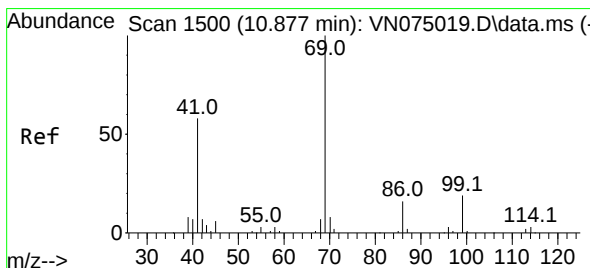
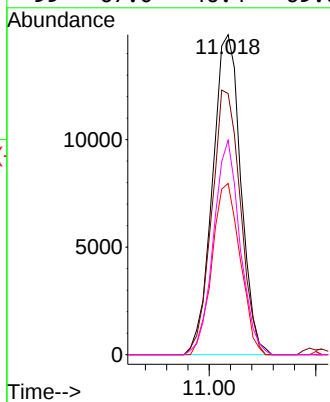
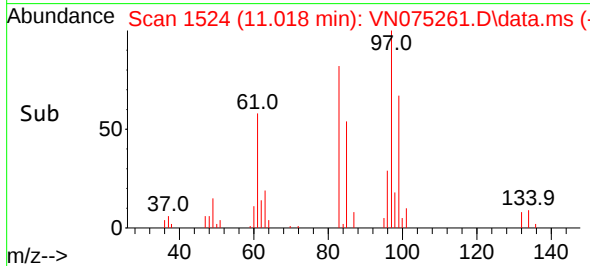


Tgt Ion: 97 Resp: 27395

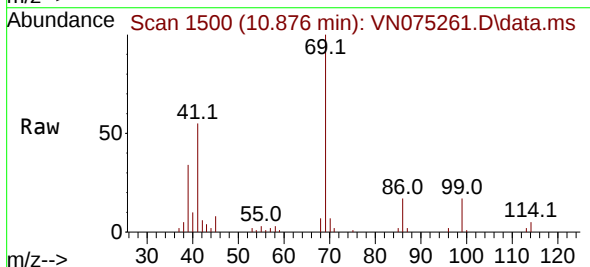
Ion	Ratio	Lower	Upper
97	100		
83	81.6	65.9	98.9
85	53.5	40.4	60.6
99	67.0	46.4	69.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

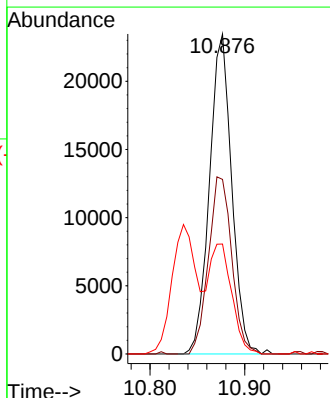
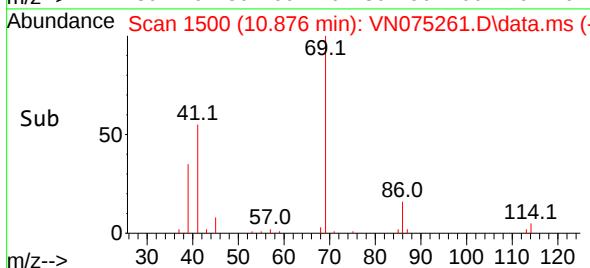


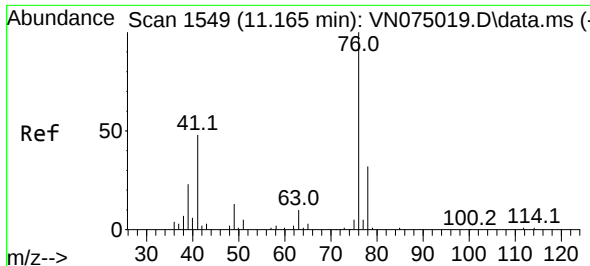
#56
Ethyl methacrylate
Concen: 19.688 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28



Tgt Ion: 69 Resp: 38334

Ion	Ratio	Lower	Upper
69	100		
41	58.2	45.6	68.4
39	37.1	28.5	42.7





#57

1,3-Dichloropropane

Concen: 21.051 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075261.D

Acq: 14 Nov 2022 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN1114MBSD01

Tgt Ion: 76 Resp: 4474

Ion Ratio Lower Upper

76 100

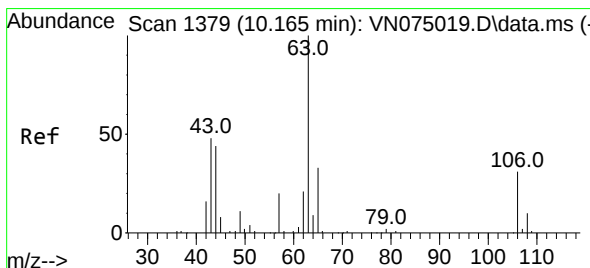
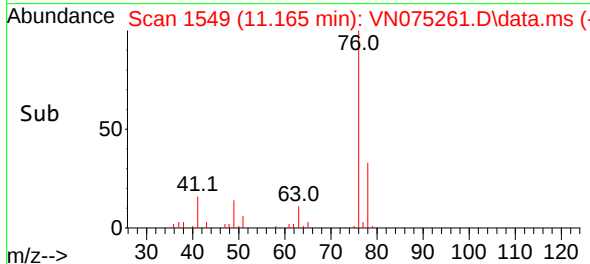
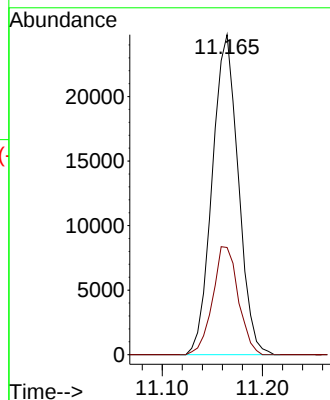
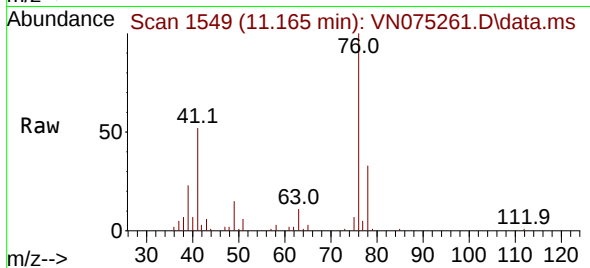
78 33.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 101.561 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075261.D

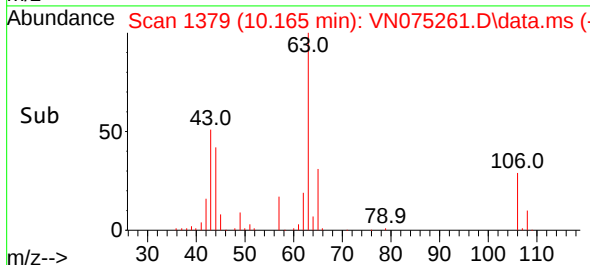
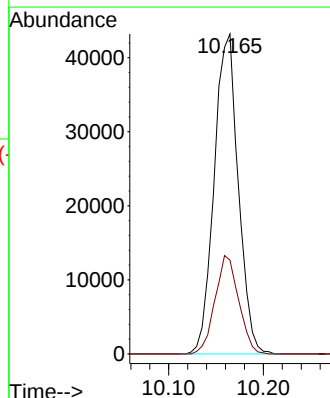
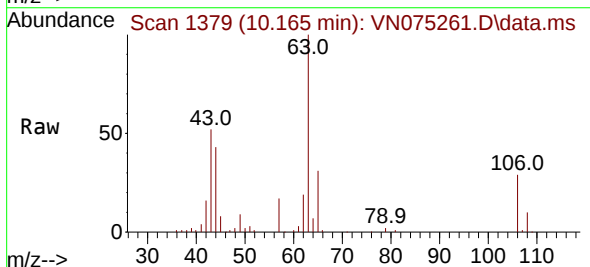
Acq: 14 Nov 2022 13:28

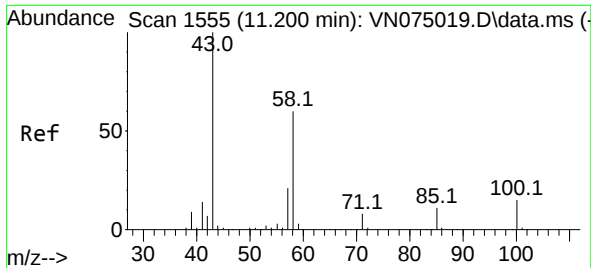
Tgt Ion: 63 Resp: 76447

Ion Ratio Lower Upper

63 100

106 30.2 24.8 37.2





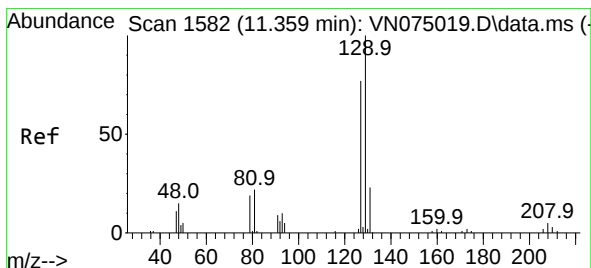
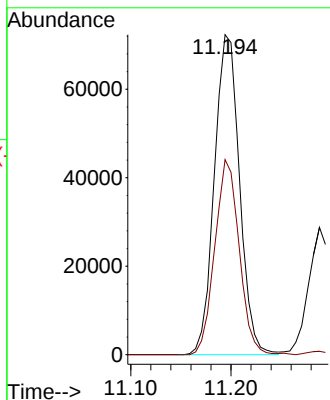
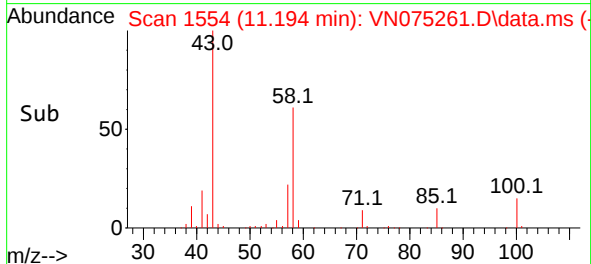
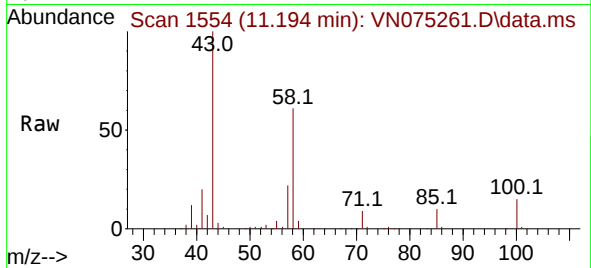
#59
2-Hexanone
Concen: 96.178 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBSD01

Tgt Ion: 43 Resp: 126029
Ion Ratio Lower Upper
43 100
58 59.1 29.6 88.8

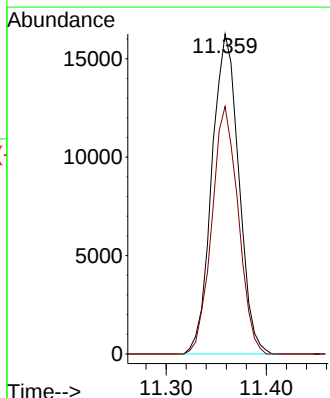
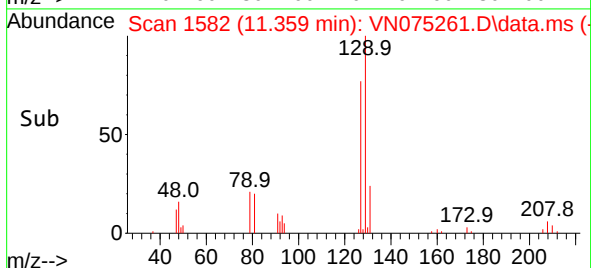
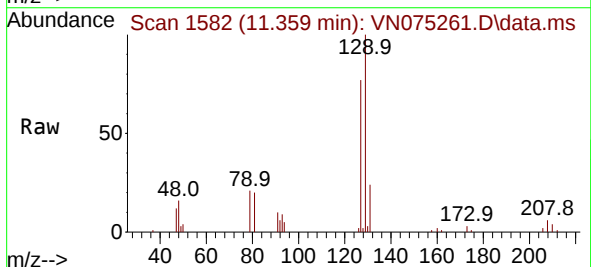
Manual Integrations
APPROVED

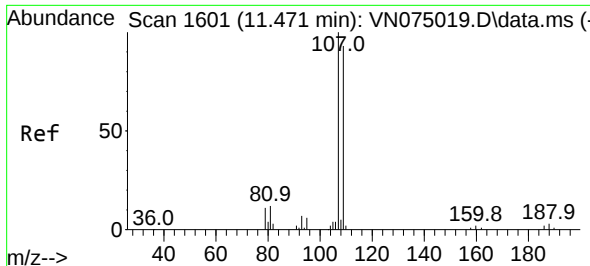
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#60
Dibromochloromethane
Concen: 22.491 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

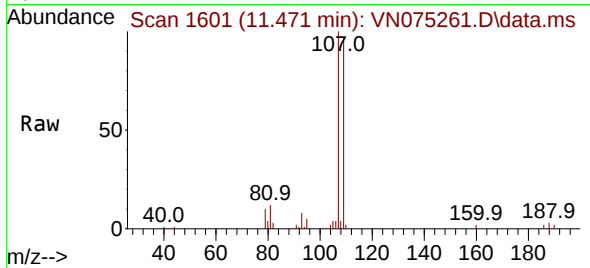
Tgt Ion:129 Resp: 30288
Ion Ratio Lower Upper
129 100
127 75.8 38.6 115.8





#61
1,2-Dibromoethane
Concen: 21.631 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

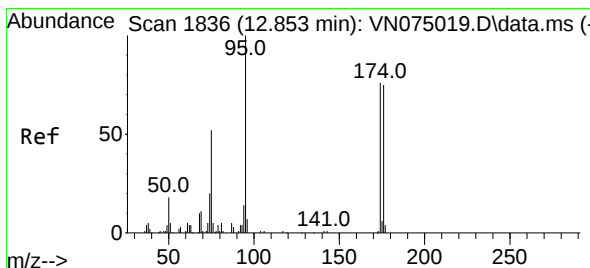
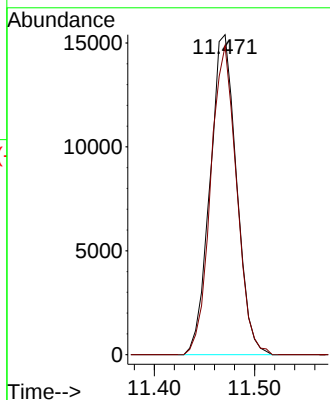
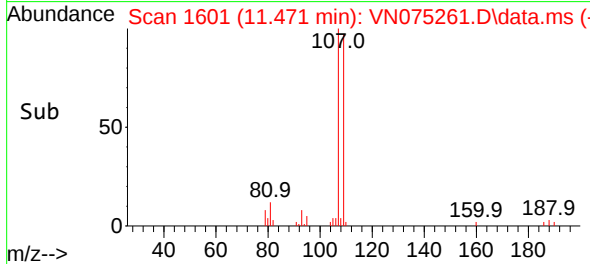
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBSD01



Tgt Ion:107 Resp: 28290
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4

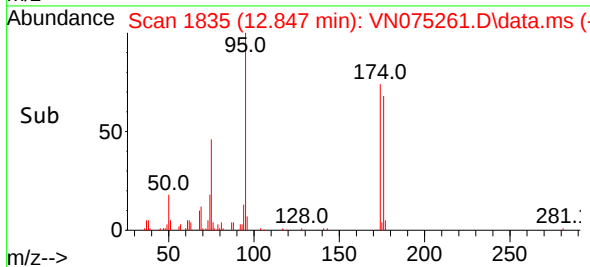
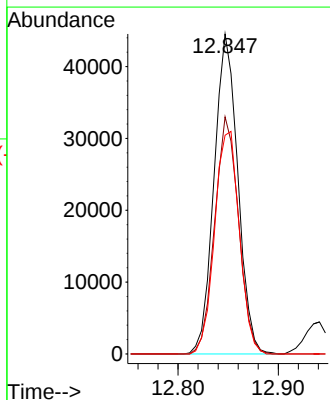
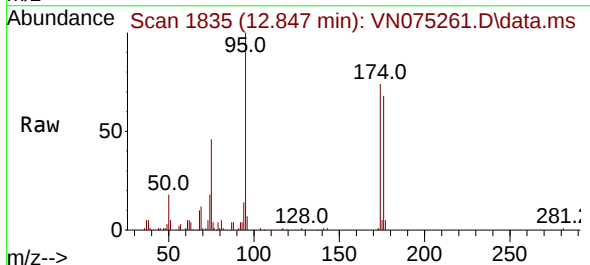
Manual Integrations
APPROVED

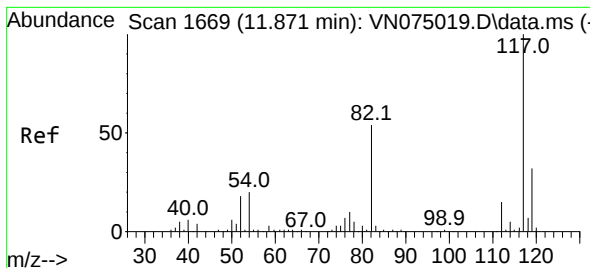
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#62
4-Bromofluorobenzene
Concen: 52.871 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

Tgt Ion: 95 Resp: 73204
Ion Ratio Lower Upper
95 100
174 74.4 0.0 147.4
176 72.5 0.0 142.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1668

Delta R.T. -0.006 min

Lab File: VN075261.D

Acq: 14 Nov 2022 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN1114MBS01

Tgt Ion:117 Resp: 16010

Ion Ratio Lower Upper

117 100

82 56.0 43.1 64.7

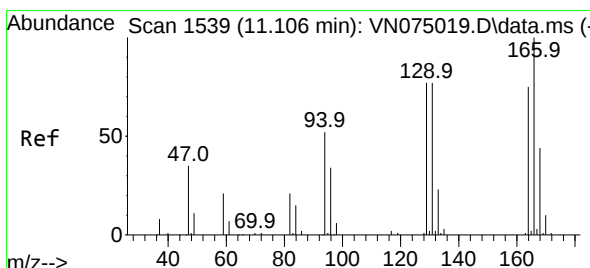
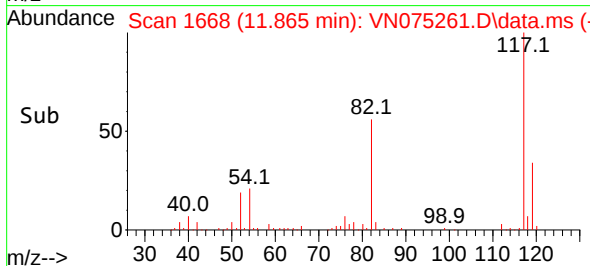
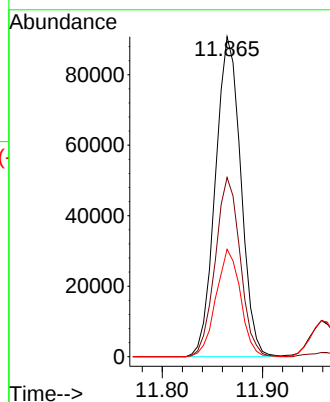
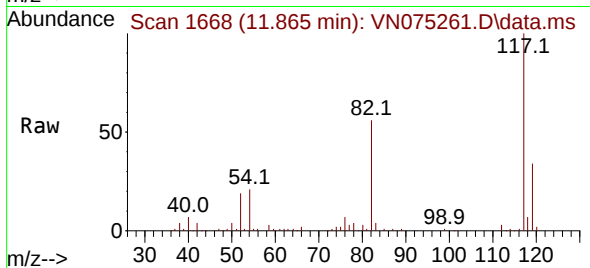
119 33.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#64

Tetrachloroethene

Concen: 24.940 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN075261.D

Acq: 14 Nov 2022 13:28

Tgt Ion:164 Resp: 24480

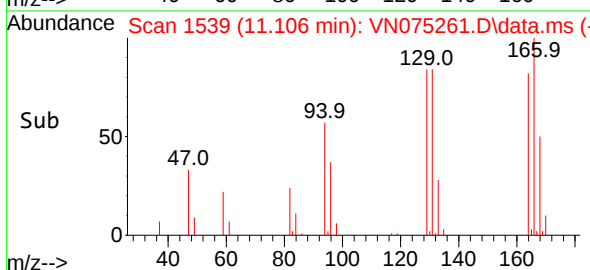
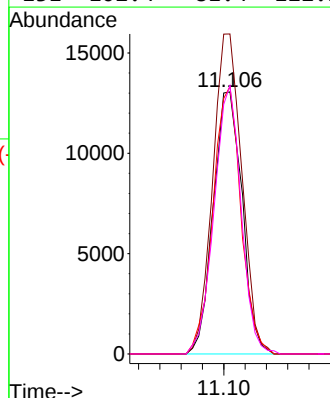
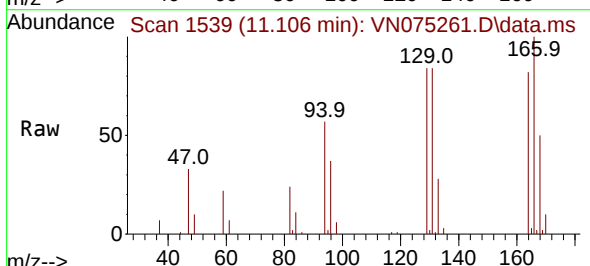
Ion Ratio Lower Upper

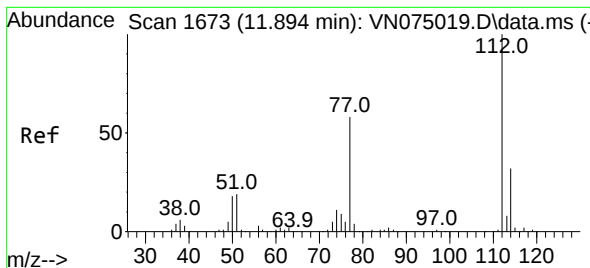
164 100

166 122.1 106.5 159.7

129 102.1 81.9 122.9

131 102.4 81.4 122.2





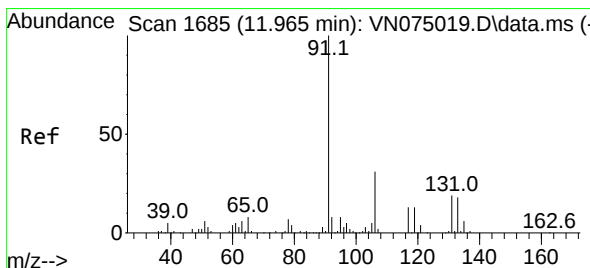
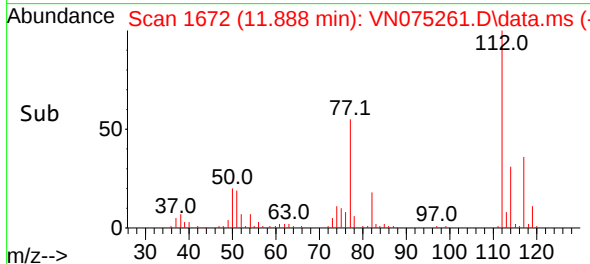
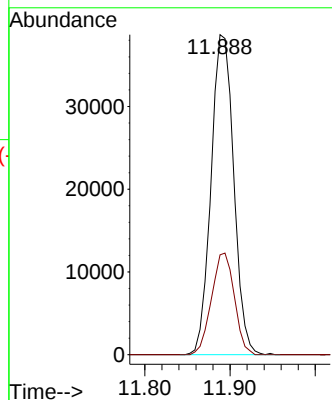
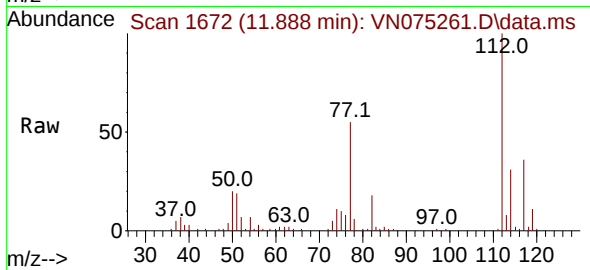
#65
Chlorobenzene
Concen: 20.969 ug/l
RT: 11.888 min Scan# 1672
Delta R.T. -0.006 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBSD01

Tgt Ion:112 Resp: 71660
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.2

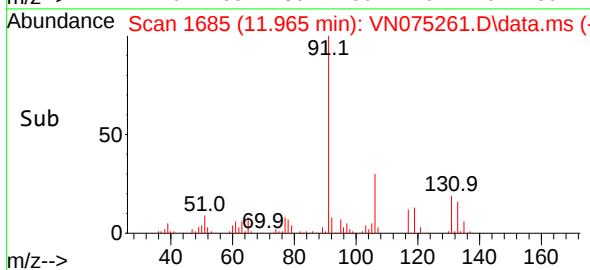
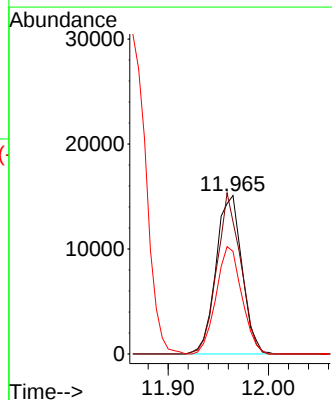
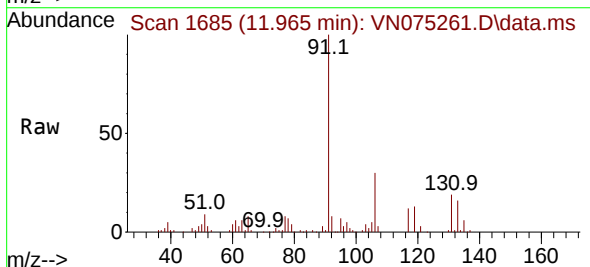
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 21.488 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

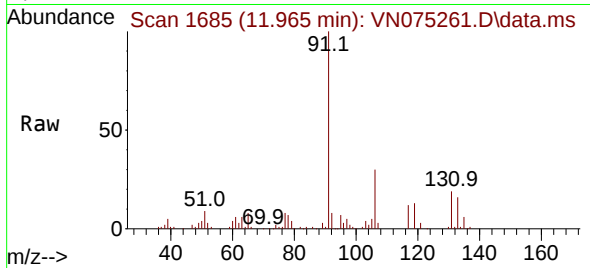
Tgt Ion:131 Resp: 27241
Ion Ratio Lower Upper
131 100
133 93.2 47.8 143.4
119 66.9 33.0 99.0





#67
Ethyl Benzene
Concen: 20.913 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

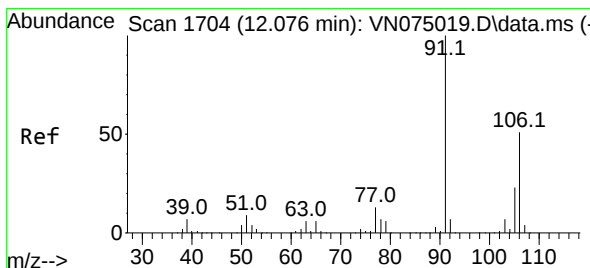
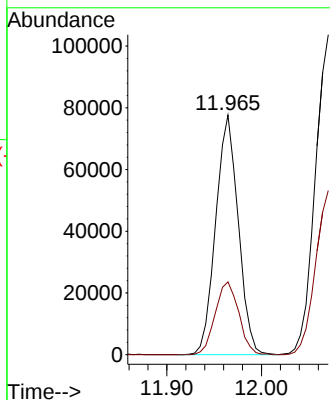
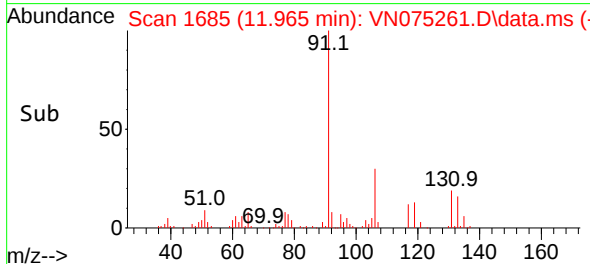
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBSD01



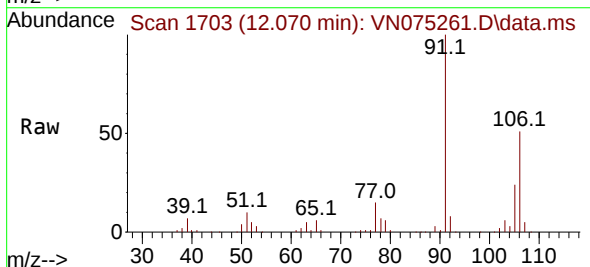
Tgt Ion: 91 Resp: 128579
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3

Manual Integrations
APPROVED

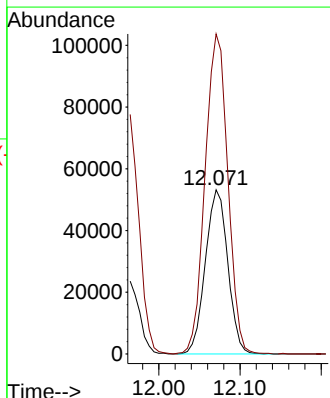
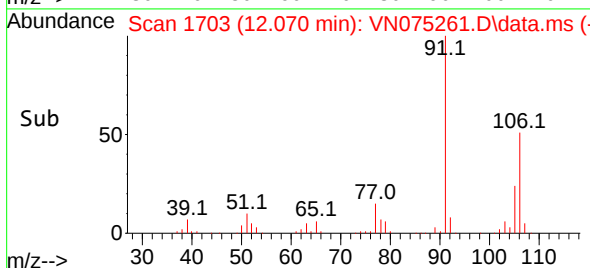
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

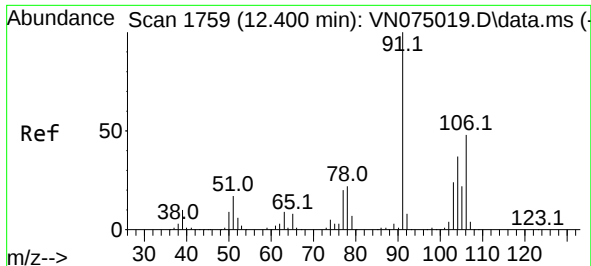


#68
m/p-Xylenes
Concen: 41.364 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28



Tgt Ion:106 Resp: 102047
Ion Ratio Lower Upper
106 100
91 197.7 156.0 234.0





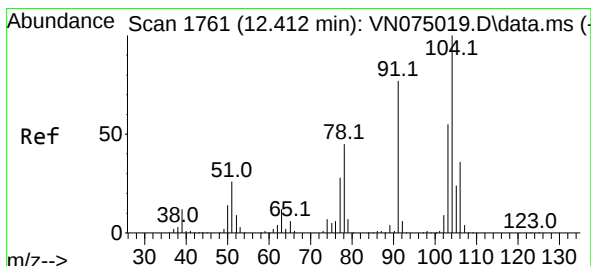
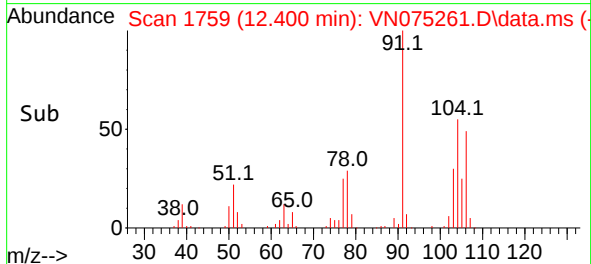
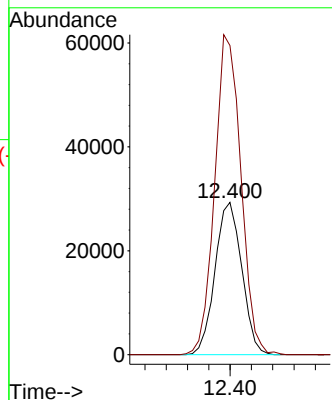
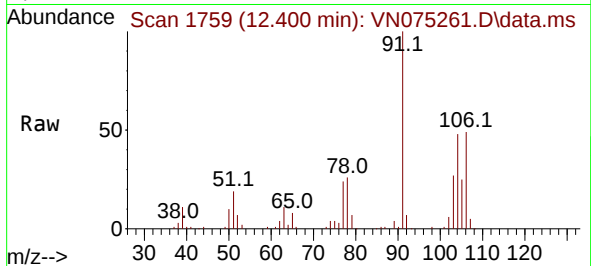
#69
o-Xylene
Concen: 20.911 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01

Tgt Ion:106 Resp: 51018
Ion Ratio Lower Upper
106 100
91 206.2 105.2 315.5

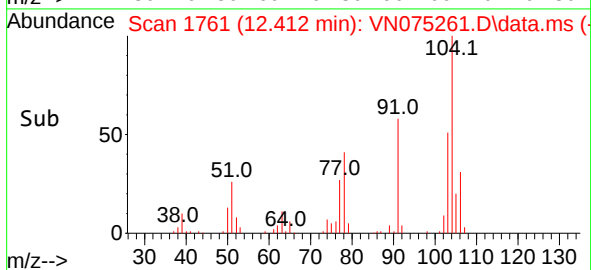
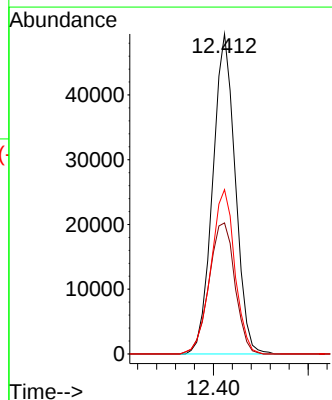
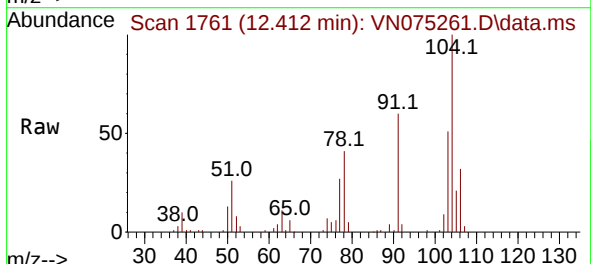
Manual Integrations
APPROVED

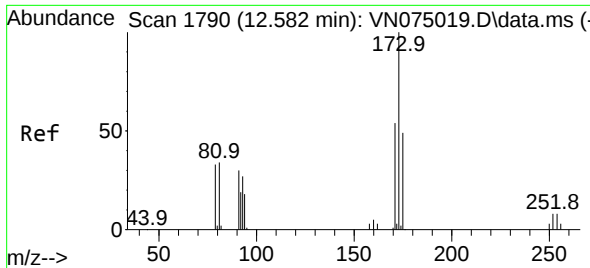
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#70
Styrene
Concen: 20.970 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

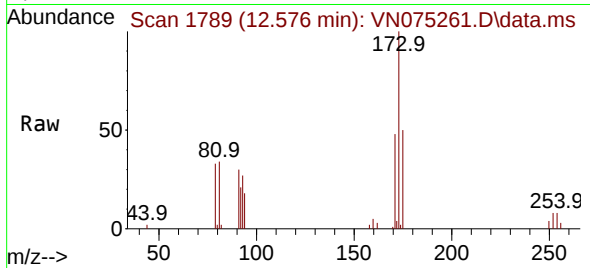
Tgt Ion:104 Resp: 81576
Ion Ratio Lower Upper
104 100
78 47.0 38.1 57.1
103 54.4 44.6 66.8





#71
Bromoform
Concen: 22.803 ug/l
RT: 12.576 min Scan# 173
Delta R.T. -0.006 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

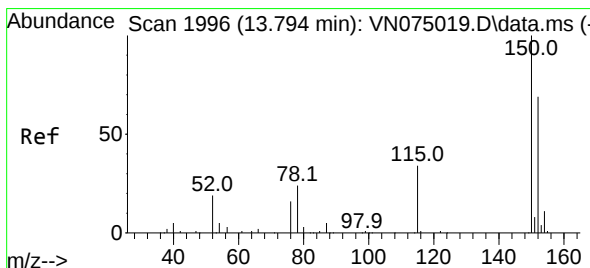
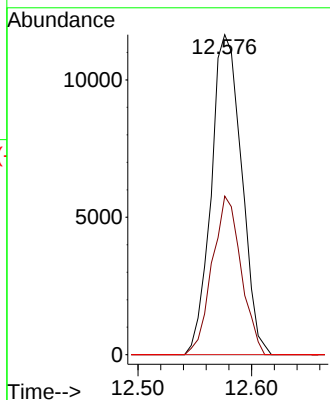
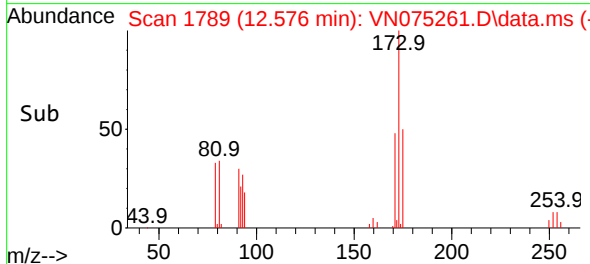
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBSD01



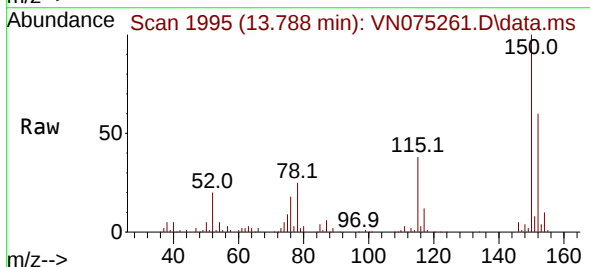
Tgt Ion:173 Resp: 2164
Ion Ratio Lower Upper
173 100
175 47.2 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

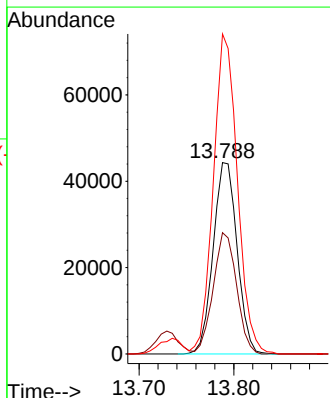
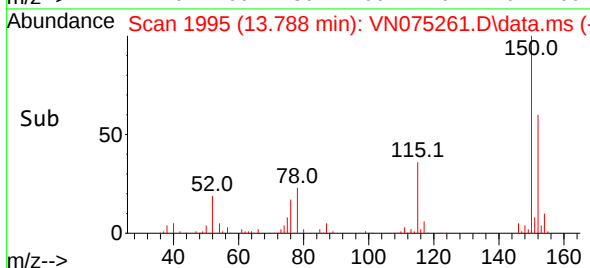
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

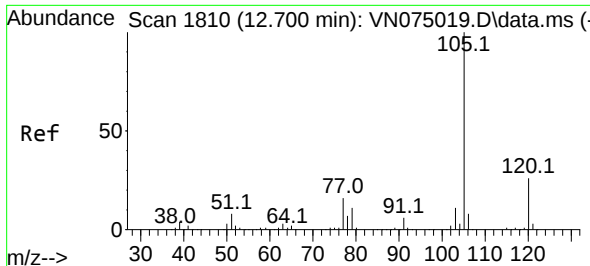


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1995
Delta R.T. -0.006 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28



Tgt Ion:152 Resp: 77818
Ion Ratio Lower Upper
152 100
115 61.9 30.2 90.6
150 167.9 0.0 348.4





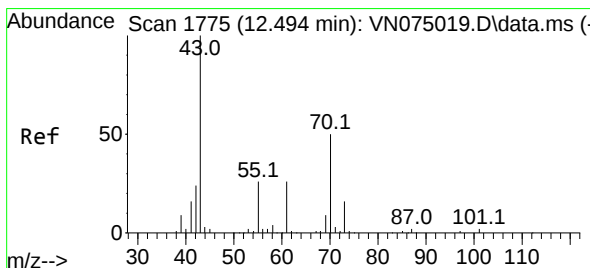
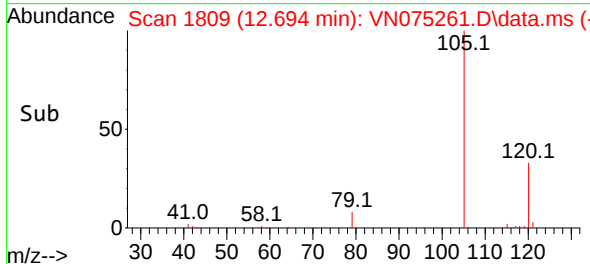
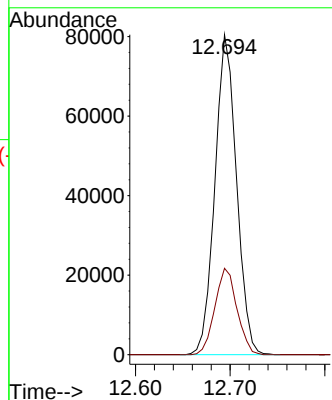
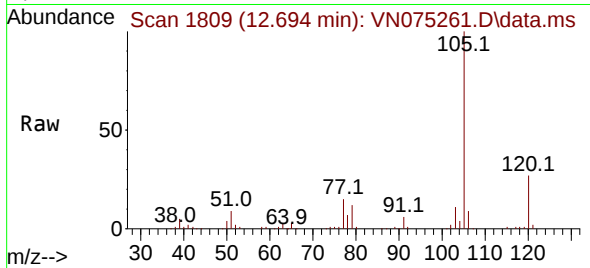
#73
Isopropylbenzene
Concen: 20.410 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01

Tgt Ion:105 Resp: 127500
Ion Ratio Lower Upper
105 100
120 27.5 13.1 39.1

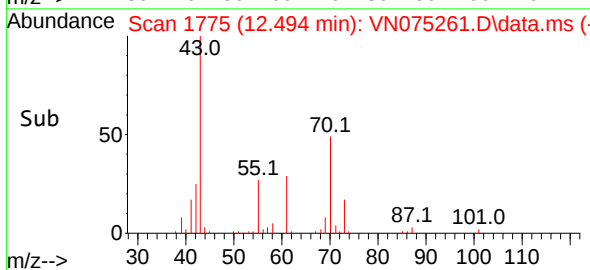
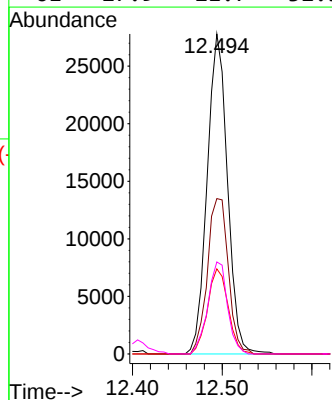
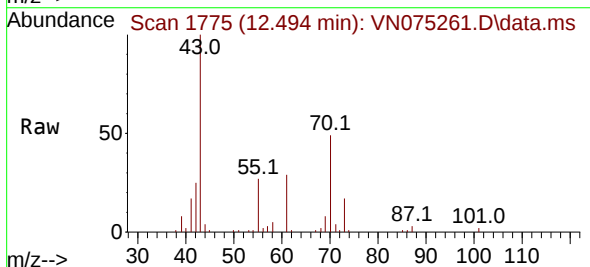
Manual Integrations
APPROVED

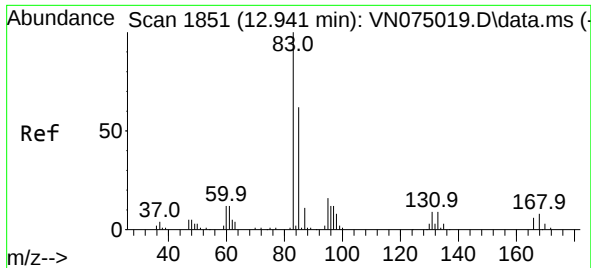
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#74
N-ethyl acetate
Concen: 18.891 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

Tgt Ion: 43 Resp: 43650
Ion Ratio Lower Upper
43 100
70 50.2 39.8 59.8
55 27.0 19.9 29.9
61 27.9 21.7 32.5





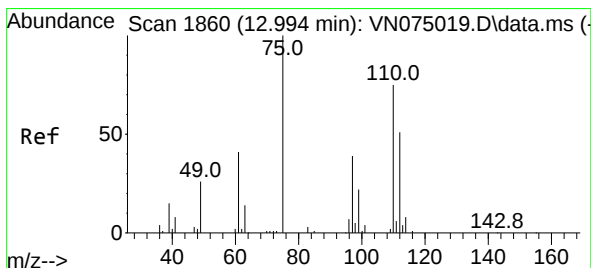
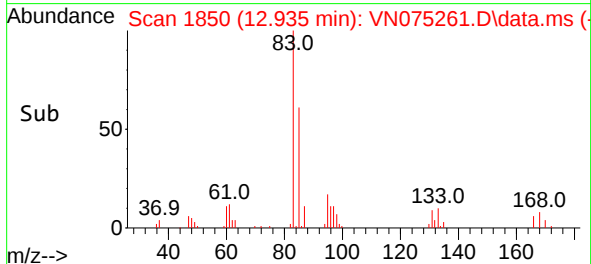
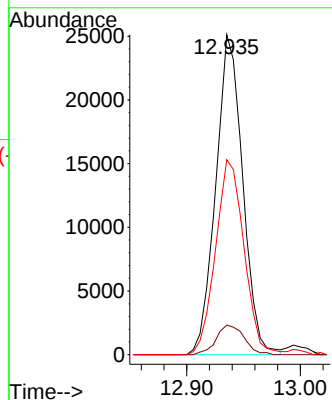
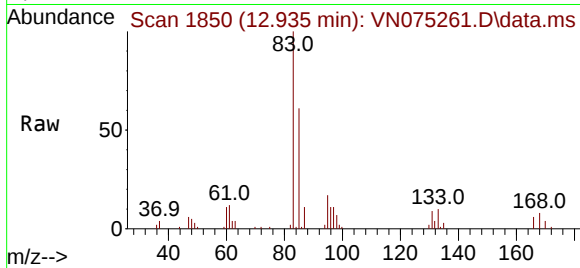
#75
1,1,2,2-Tetrachloroethane
Concen: 20.717 ug/l
RT: 12.935 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

Instrument : MSVOA_N
ClientSampleId : VN1114MBSD01

Tgt Ion: 83 Resp: 41364
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.3
85 64.6 31.6 94.7

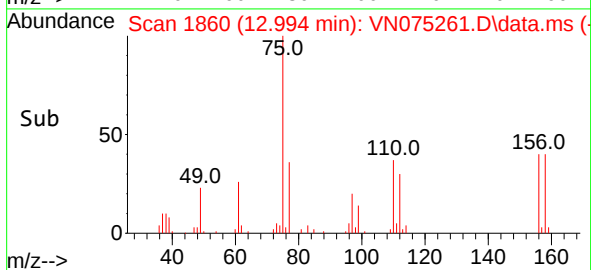
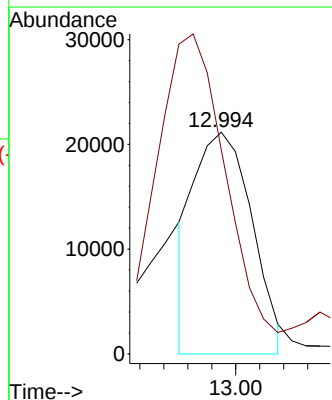
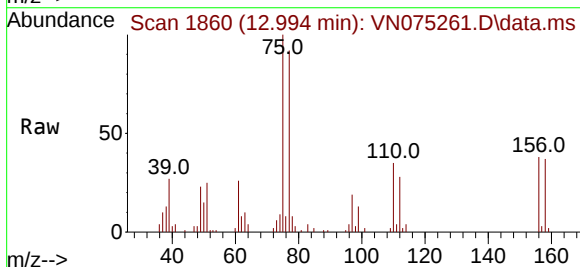
Manual Integrations
APPROVED

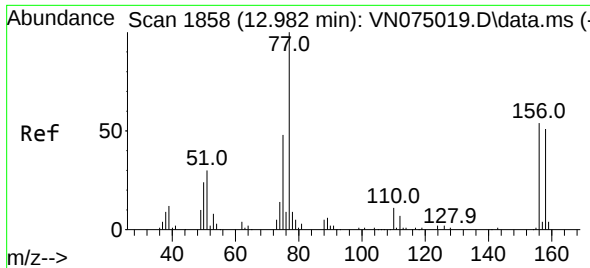
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#76
1,2,3-Trichloropropane
Concen: 21.608 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

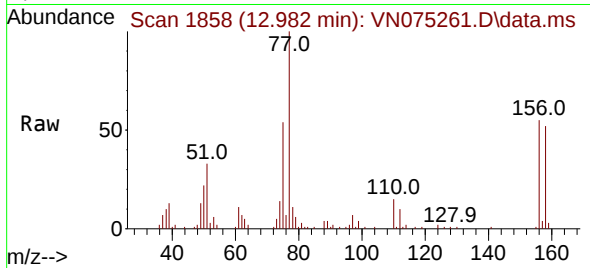
Tgt Ion: 75 Resp: 35702
Ion Ratio Lower Upper
75 100
77 178.0 75.6 226.8





#77
Bromobenzene
Concen: 21.795 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

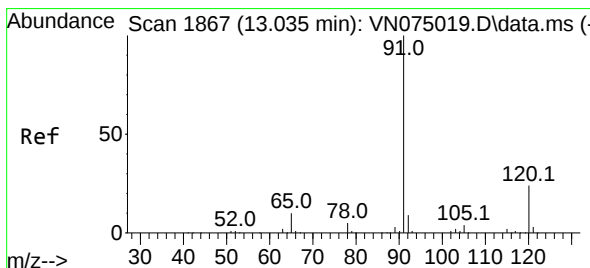
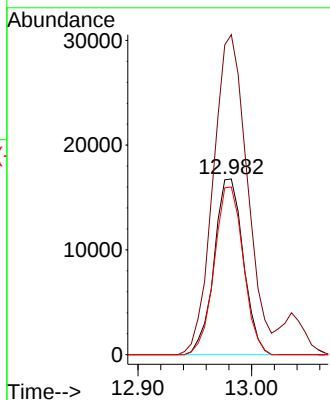
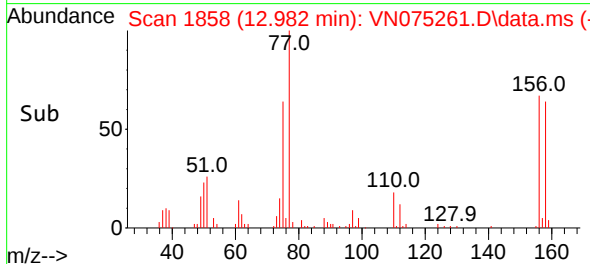
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01



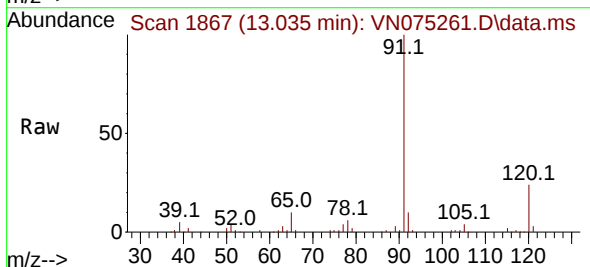
Tgt Ion: 156 Resp: 2998
Ion Ratio Lower Upper
156 100
77 212.0 108.5 325.5
158 94.7 47.7 143.1

Manual Integrations
APPROVED

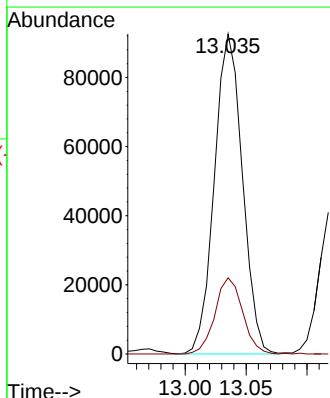
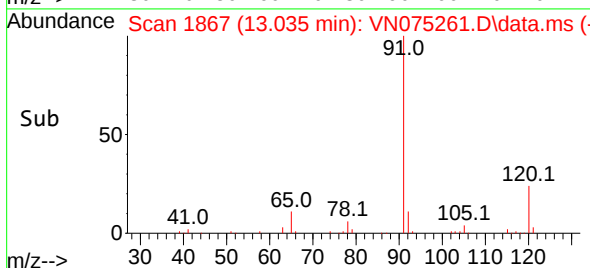
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

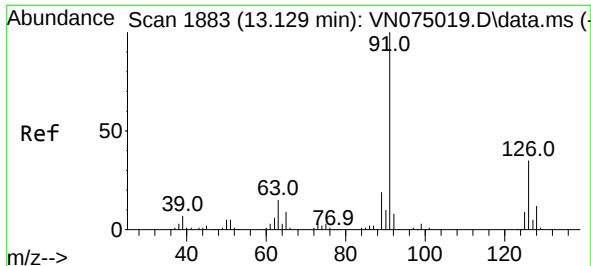


#78
n-propylbenzene
Concen: 21.156 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28



Tgt Ion: 91 Resp: 148387
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.5





#79

2-Chlorotoluene

Concen: 20.666 ug/l

RT: 13.123 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VN075261.D

Acq: 14 Nov 2022 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN1114MBSD01

Tgt Ion: 91 Resp: 88579

Ion Ratio Lower Upper

91 100

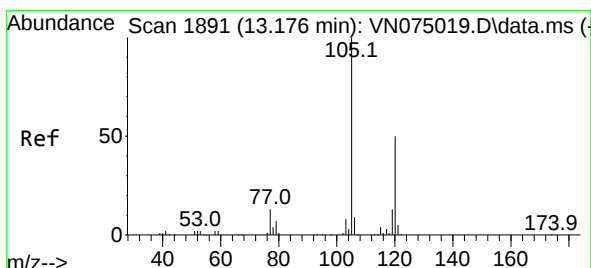
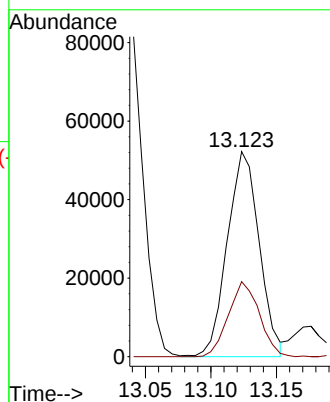
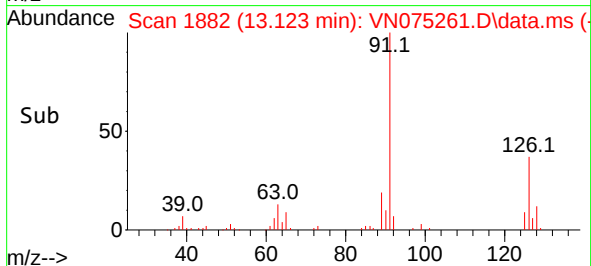
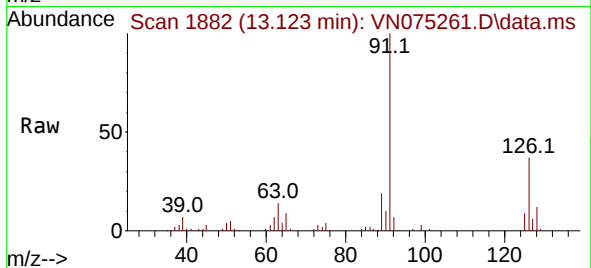
126 35.4 16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#80

1,3,5-Trimethylbenzene

Concen: 21.050 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN075261.D

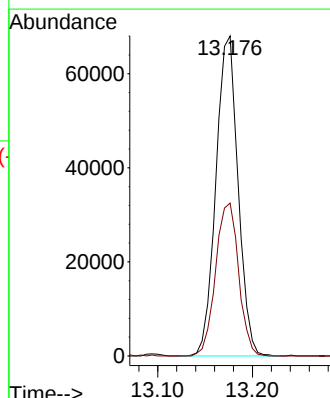
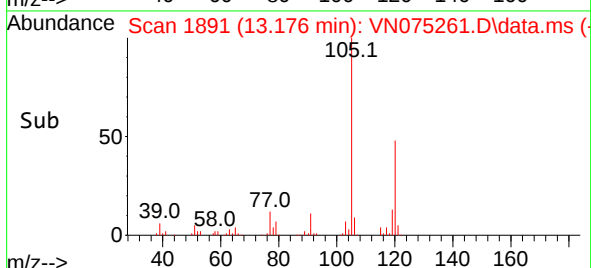
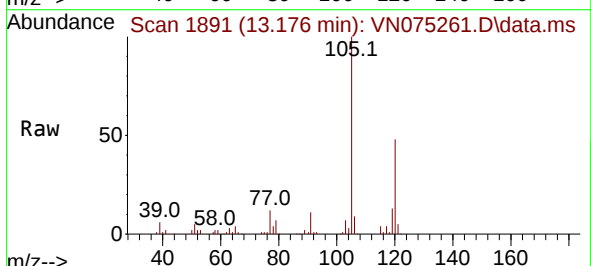
Acq: 14 Nov 2022 13:28

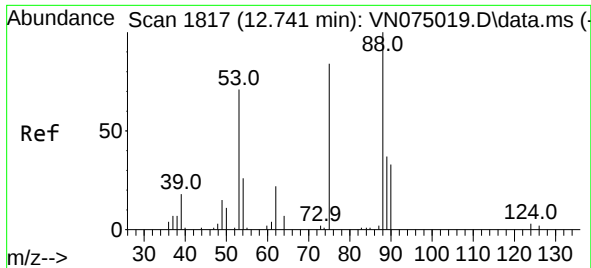
Tgt Ion:105 Resp: 110453

Ion Ratio Lower Upper

105 100

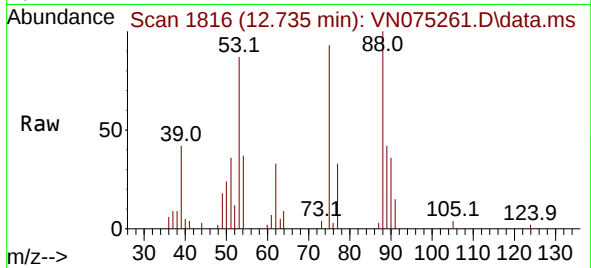
120 49.7 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 20.786 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

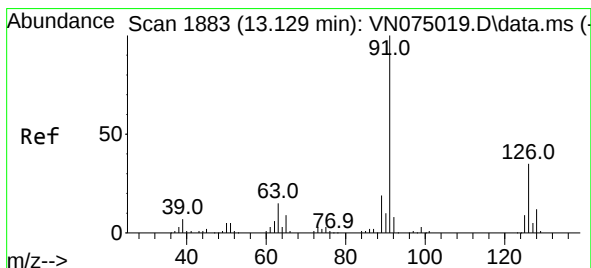
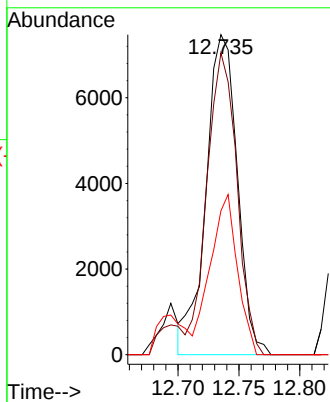
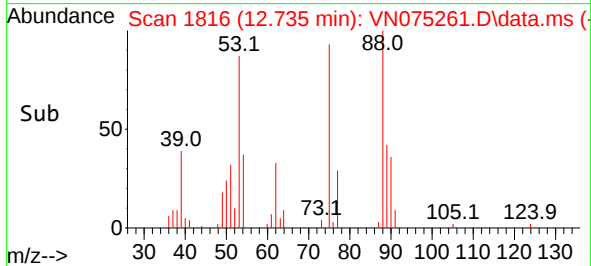
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBS01



Tgt Ion: 75 Resp: 13379
Ion Ratio Lower Upper
75 100
53 89.9 78.5 117.7
89 43.4 37.7 56.5

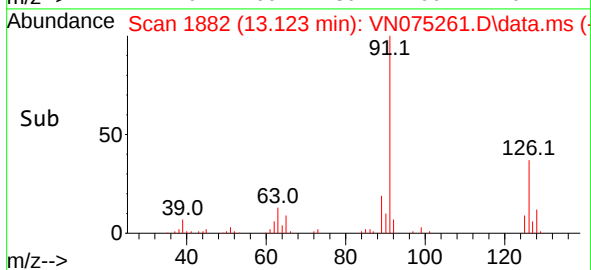
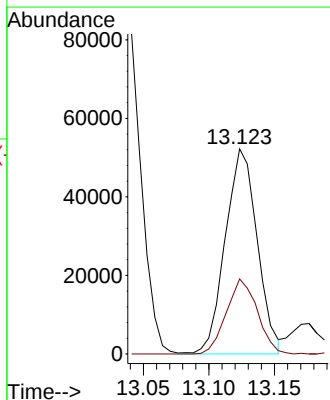
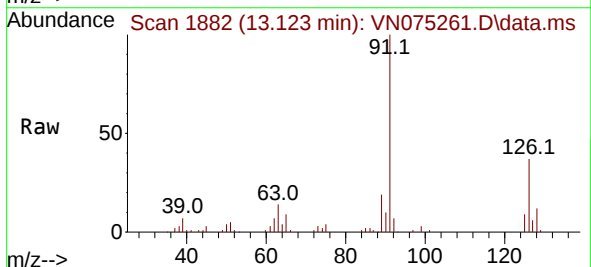
Manual Integrations
APPROVED

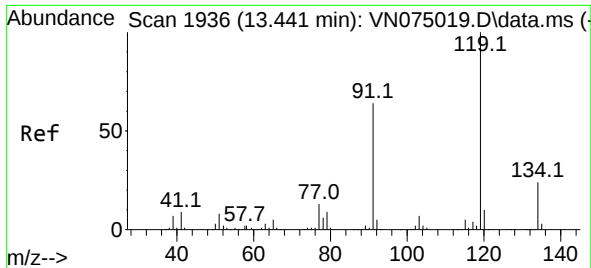
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#82
4-Chlorotoluene
Concen: 20.666 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

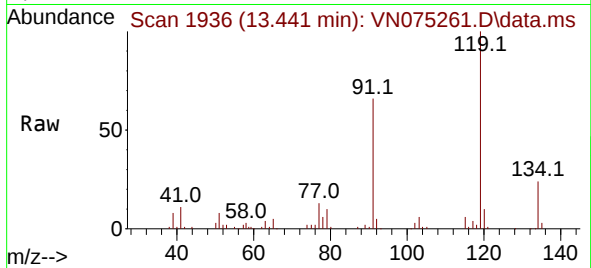
Tgt Ion: 91 Resp: 88579
Ion Ratio Lower Upper
91 100
126 35.4 16.9 50.7





#83
tert-Butylbenzene
Concen: 20.752 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

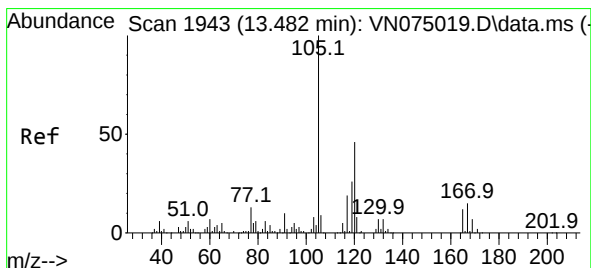
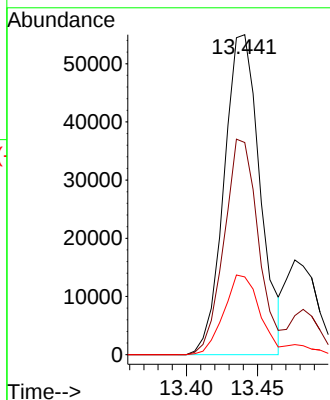
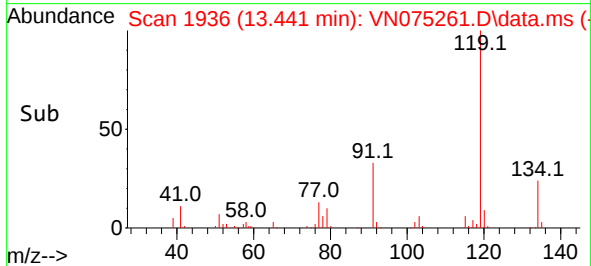
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBSD01



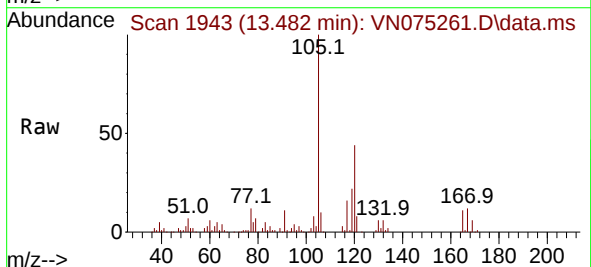
Tgt Ion:119 Resp: 9675
Ion Ratio Lower Upper
119 100
91 64.1 32.8 98.4
134 25.2 12.3 36.9

Manual Integrations
APPROVED

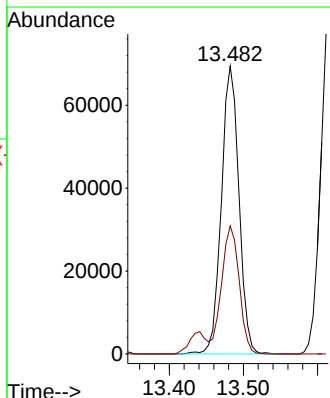
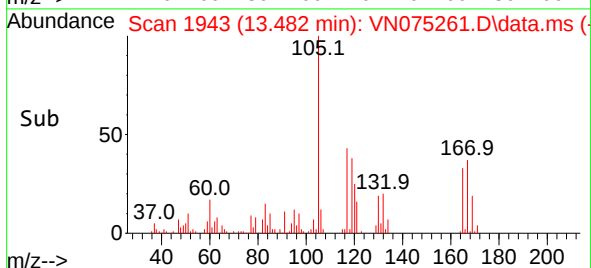
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

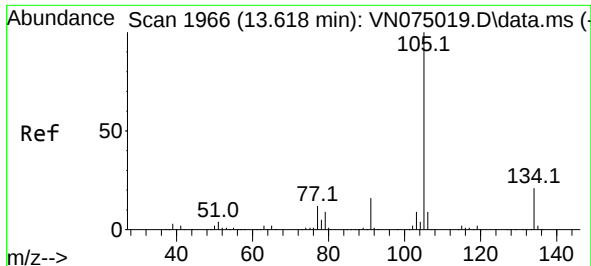


#84
1,2,4-Trimethylbenzene
Concen: 21.512 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28



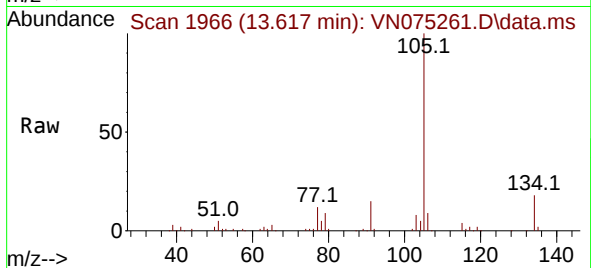
Tgt Ion:105 Resp: 114207
Ion Ratio Lower Upper
105 100
120 44.8 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 20.937 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075261.D
 Acq: 14 Nov 2022 13:28

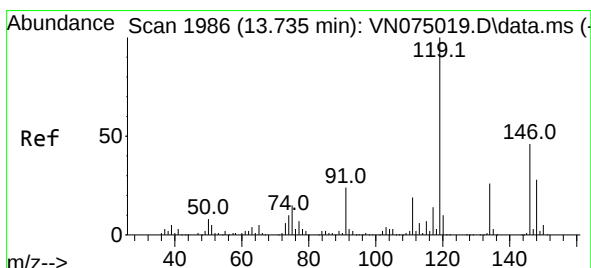
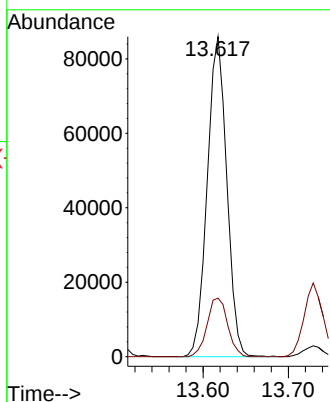
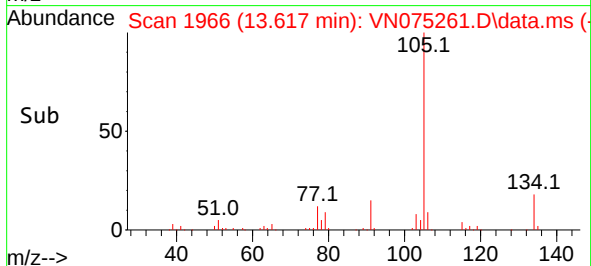
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114MBSD01



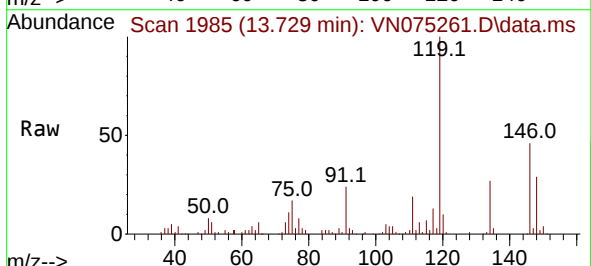
Tgt Ion:105 Resp: 136564
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.2 30.6

Manual Integrations
 APPROVED

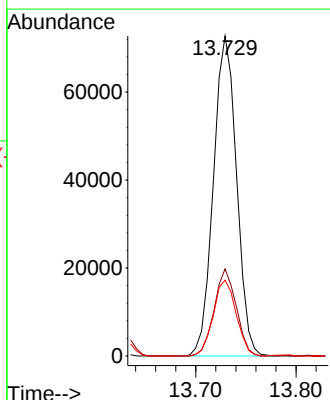
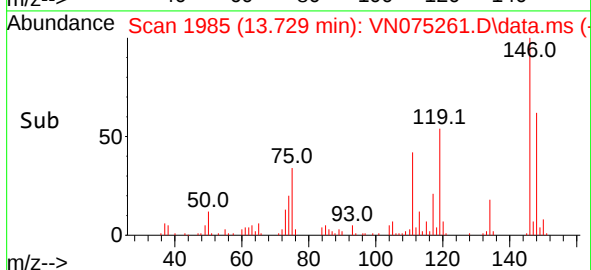
Reviewed By :John Carlone 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022

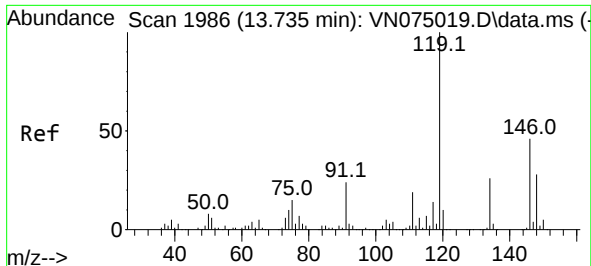


#86
 p-Isopropyltoluene
 Concen: 21.567 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075261.D
 Acq: 14 Nov 2022 13:28



Tgt Ion:119 Resp: 116175
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.3
 91 23.5 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 21.722 ug/l

RT: 13.729 min Scan# 1985

Delta R.T. -0.006 min

Lab File: VN075261.D

Acq: 14 Nov 2022 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN1114MBS01

Tgt Ion:146 Resp: 58500

Ion Ratio Lower Upper

146 100

111 41.0 20.8 62.5

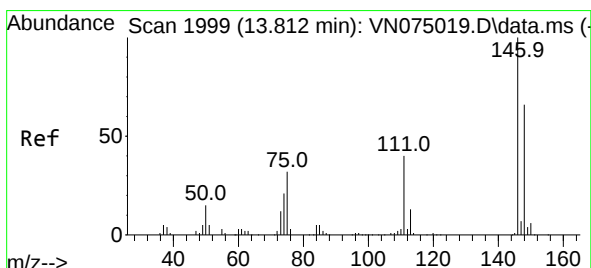
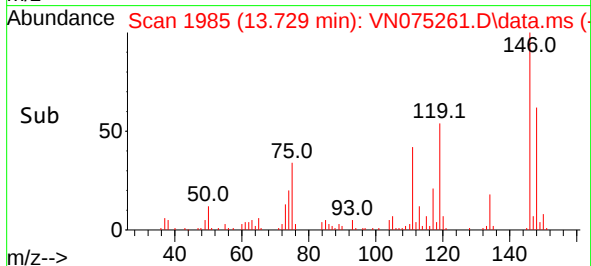
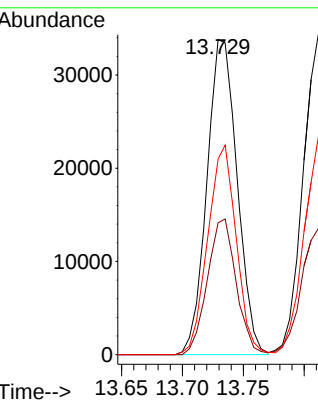
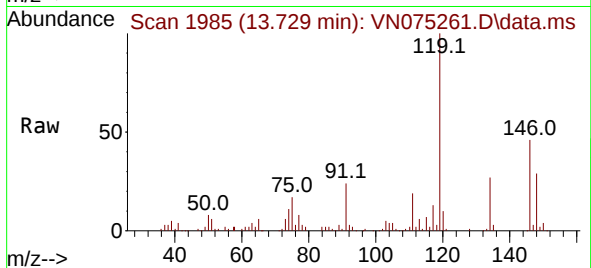
148 62.8 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#88

1,4-Dichlorobenzene

Concen: 21.868 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN075261.D

Acq: 14 Nov 2022 13:28

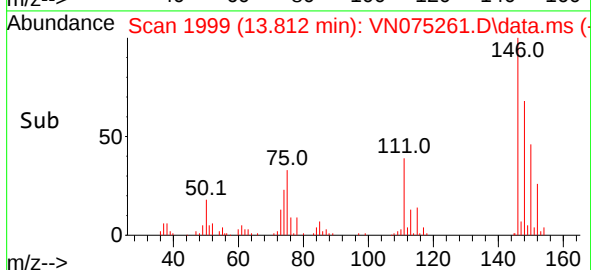
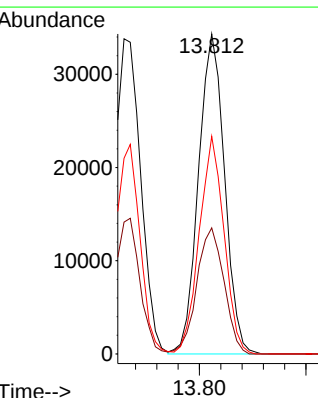
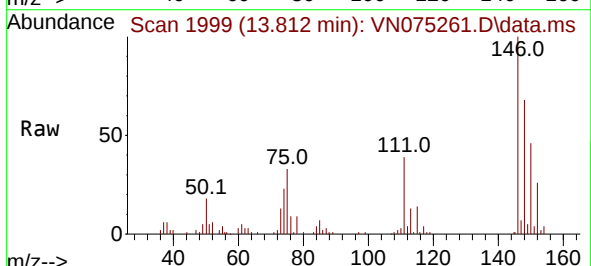
Tgt Ion:146 Resp: 58291

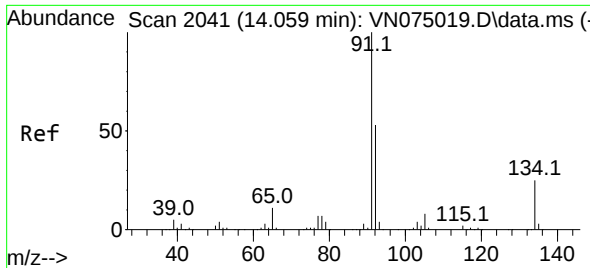
Ion Ratio Lower Upper

146 100

111 41.1 20.1 60.3

148 64.6 31.9 95.7





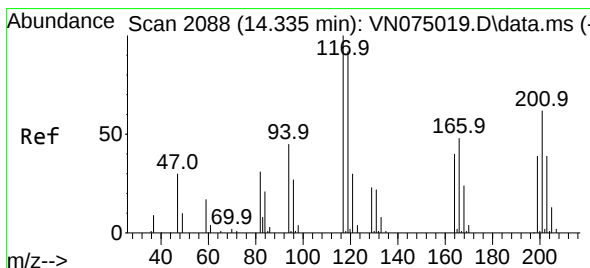
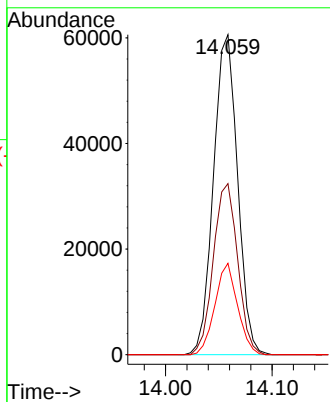
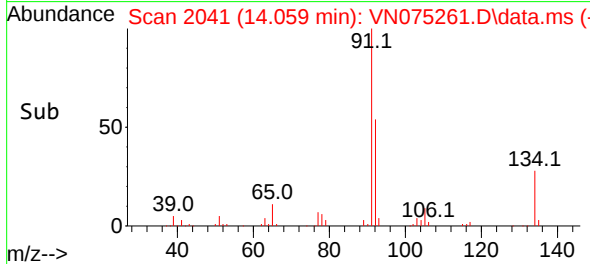
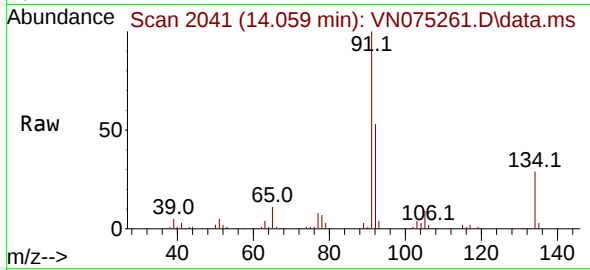
#89
n-Butylbenzene
Concen: 21.910 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1114MBSD01

Tgt Ion: 91 Resp: 9504
Ion Ratio Lower Upper
91 100
92 54.0 26.5 79.4
134 26.9 13.0 39.0

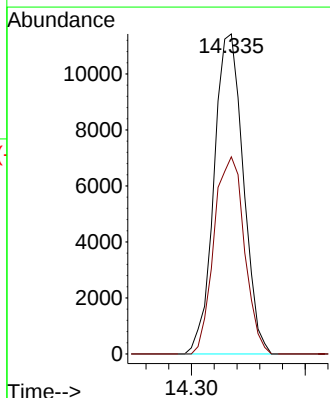
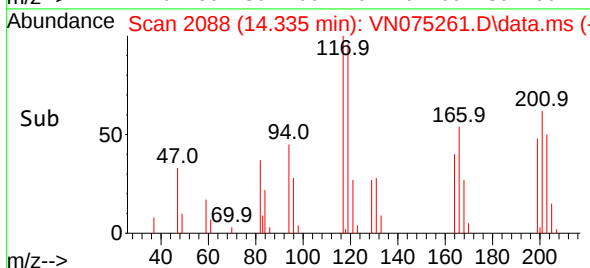
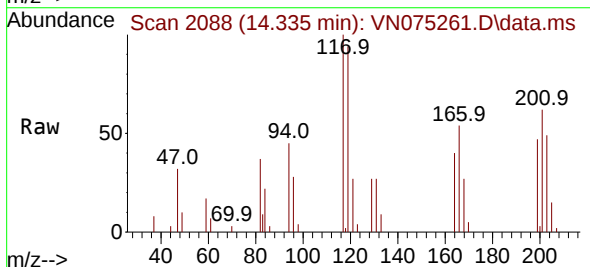
Manual Integrations
APPROVED

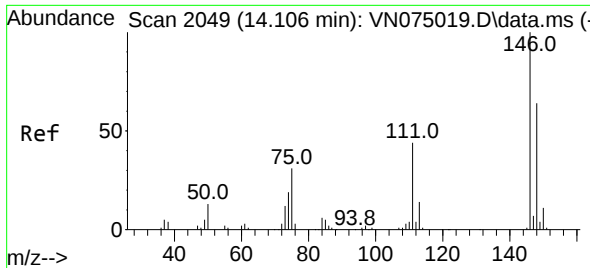
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#90
Hexachloroethane
Concen: 20.708 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

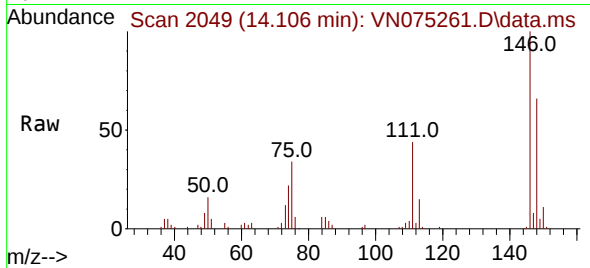
Tgt Ion:117 Resp: 20452
Ion Ratio Lower Upper
117 100
201 63.8 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 21.653 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

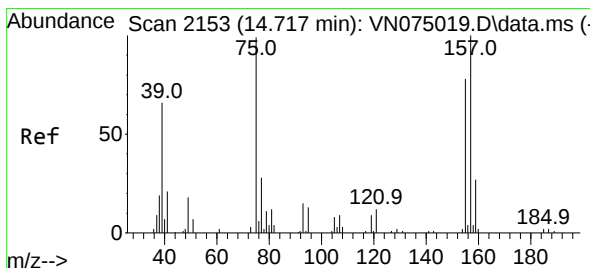
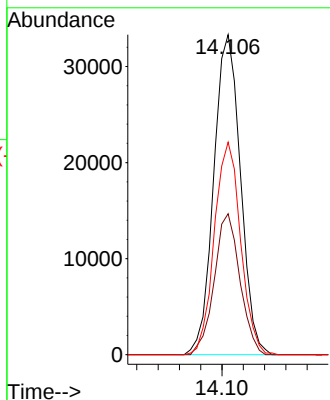
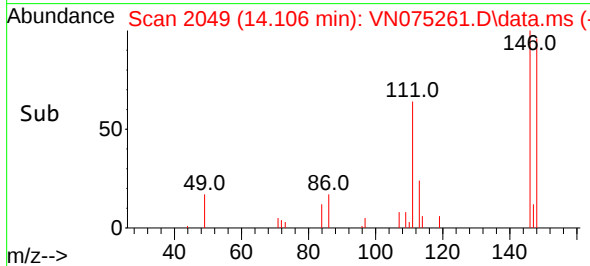
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBSD01



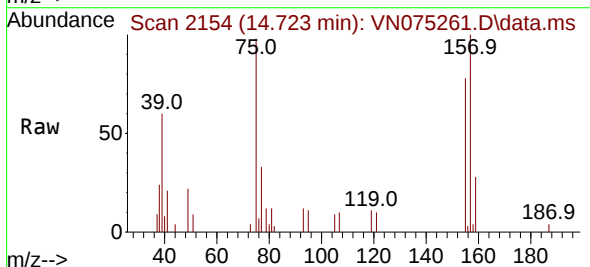
Tgt Ion:146 Resp: 57978
Ion Ratio Lower Upper
146 100
111 42.3 21.3 63.9
148 65.4 31.4 94.2

Manual Integrations
APPROVED

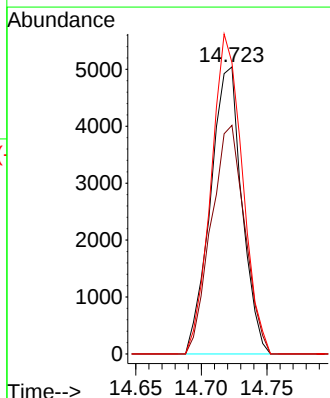
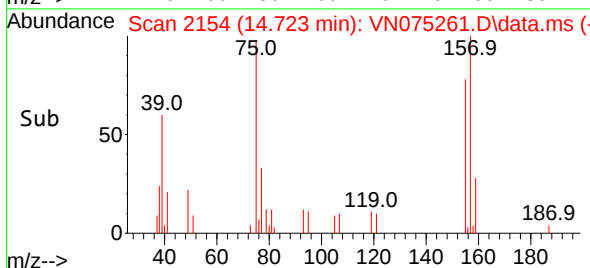
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

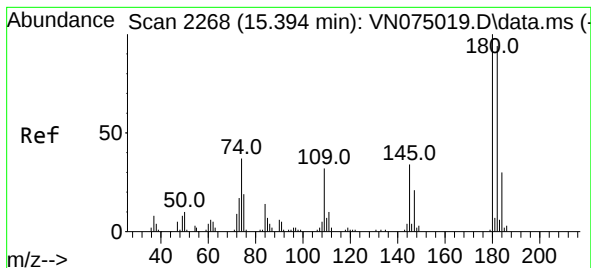


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.974 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28



Tgt Ion: 75 Resp: 8417
Ion Ratio Lower Upper
75 100
155 84.6 42.1 126.3
157 110.7 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 24.944 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075261.D

Acq: 14 Nov 2022 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN1114MBS01

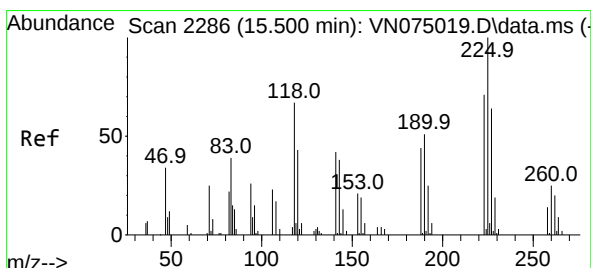
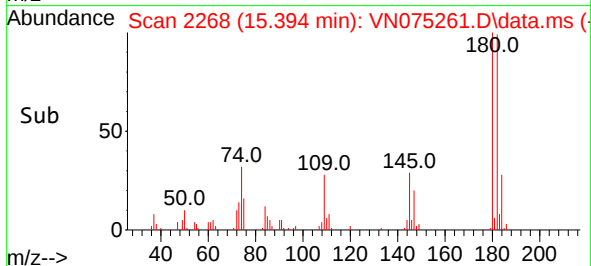
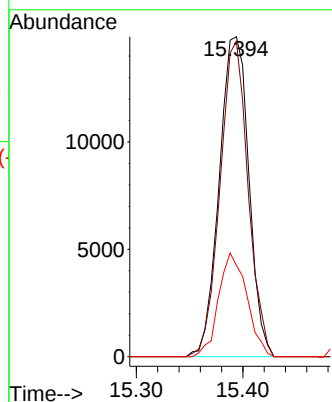
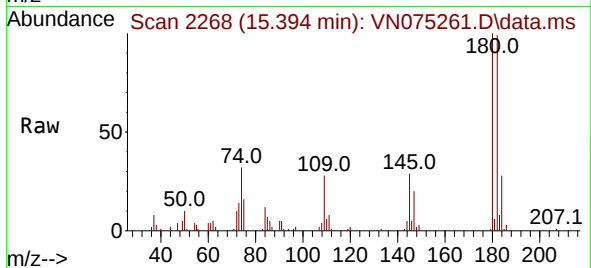
Tgt Ion:180	Resp:	2874
Ion Ratio	Lower	Upper
180	100	
182	93.5	47.8 143.4
145	31.0	16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#94

Hexachlorobutadiene

Concen: 23.776 ug/l

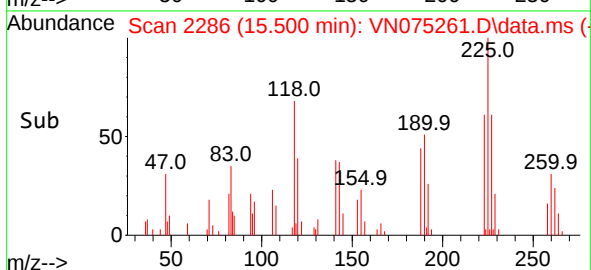
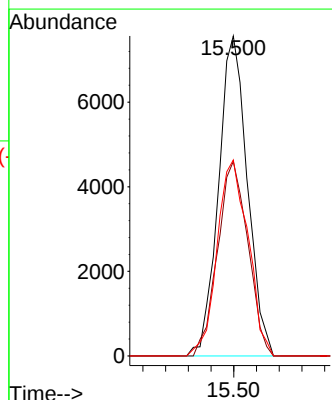
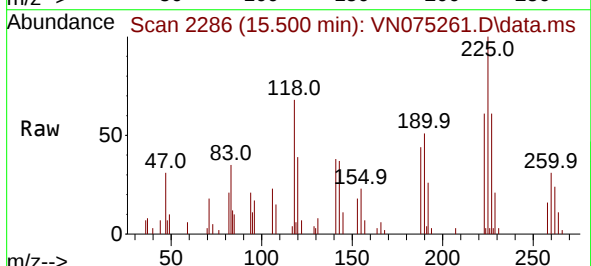
RT: 15.500 min Scan# 2286

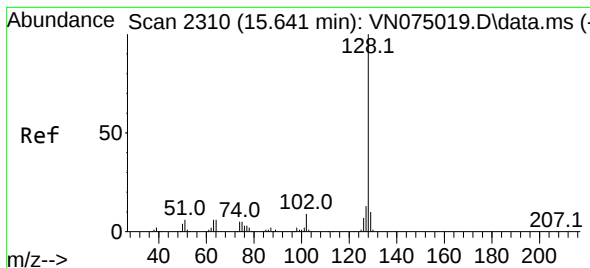
Delta R.T. -0.000 min

Lab File: VN075261.D

Acq: 14 Nov 2022 13:28

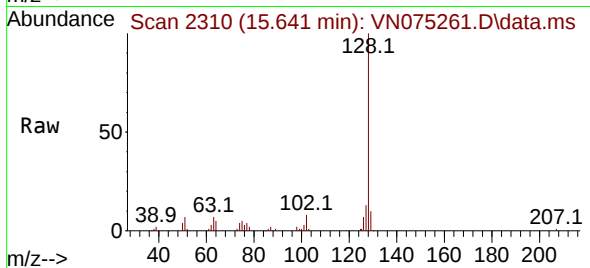
Tgt Ion:225	Resp:	13355
Ion Ratio	Lower	Upper
225	100	
223	63.5	32.3 96.9
227	65.6	32.0 96.2





#95
Naphthalene
Concen: 21.633 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28

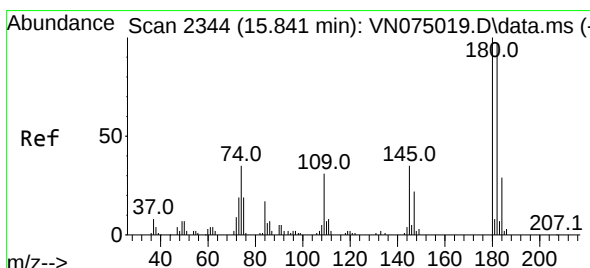
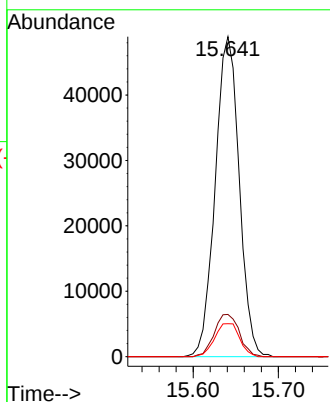
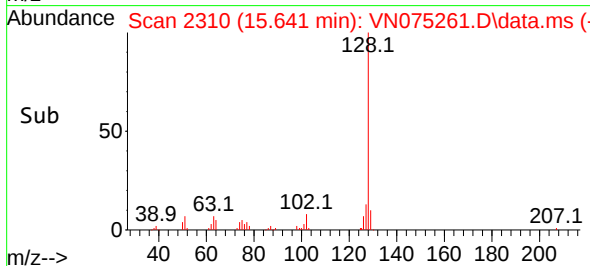
Instrument :
MSVOA_N
ClientSampleId :
VN1114MBSD01



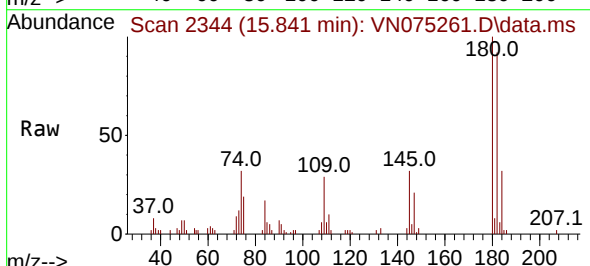
Tgt Ion:128 Resp: 95854
Ion Ratio Lower Upper
128 100
127 13.8 10.4 15.6
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 23.719 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075261.D
Acq: 14 Nov 2022 13:28



Tgt Ion:180 Resp: 27155
Ion Ratio Lower Upper
180 100
182 96.8 47.3 141.8
145 33.6 17.6 52.9

